NAME INDEX

Explanation: Numbers in heavy type refer to original articles, parenthetic numbers to abstracts

Abelsdorff, G. (1028):
Abraham, S. V. (79).
Abramowicz, I. (1937).
Adams, and Williamson-Noble, 532.
Adams, D. (1129).
Adams, D. R. (469).
and Kerridge, P. T. (1037), (1038).
Adler, F. H. (832).
Adrogué, (1116).
and Balado, (452).
and Alvarada. (740). and Balado, (452).
and Alvarada, (740).
Afanassieva, H. A. (454).
Agnantis, C. (741).
Agnello, F. (452), (556).
Agatston, S. A. 309.
Ahlenstiel, H., and Sachs, E., and Streckfuh,
H. (450).
Albertotic G. all (65). H. (450).
Albertotti, G. (140).
Albrich, K. (1037).
Alexander, W. (1037).
Alkin, O. G. (186).
Alissow, P. A., and Lipowitz, N. S. (913).
Allen, T. D. 226, e16, (1022).
Altschul, W. (950).
Alvarado, see A grogué.
Alvis, B. Y. (111).
Amirli, A. C. (913).
Amsler, M. (467), (545).
Anderson, A. (165).
Anderson, C. L. (345). Anderson, C. L. (345). Ansian, J. (170). Anthony, D. H. 1093, 1097, 1097. Antonibon, A. (453). Appleman, L. F. 530, 811. Antonioon, A. (433).
Appleman, L. F. 530, 811.
Archangelsky, W. N. (1118).
Argañaraz, R. (629).
Arkin, W., see Zamenhof, A.
Arnold, M. (80).
Arruga, H. (1127).
Aschner, B. (448).
Ask, F. (166).
Aubaret, E. (741).
Aubineau, E. (1625). (1117).
Aurand, L. (643).
Aureliano, F. (656).
Avizonis, P. (356).
Avrutova, V. A. see Dymshitz, I. A.
Axenfeld, T. (460).
and Elschnig, A. 1012.
Aykroyd, W. P. 900.
Aynsley, T. R. (177).

Badeaux, F. (841) Baer, A. J. 96. Baer, G. (650). Bailling D. 100

Baldino, S. (167) Baldino, S. (167).
Ballaban, K. (661).
Bane, W. C. 330, 1004.
and Bane; W. M. 1003.
Bane, W. M. 1000, 1001.
see Bane, W. C.
Barbieri, A. (348), (447).
Barczinski, (94).
Bargy, M. (938).
Barkan, H. 613, 630, 844.
see Barkan, O. see Barkan, O. see Smith, H. G See Shifth, H. G.
Barkan, O., and Barkan, H. 853.
see Smith, H. G.
Barletta, V. (89), (926).
Barlow, A. 687, 816.
Barrada, M. A. (737).
Barrett, L. (374). Barrett, J. (374) Barrière, and Malet, (90).
Barrière, and Malet, (90).
Barrio, A. del, (279).
Bartels, M. (453), (940).
Basterra, J. (269), 278).
Beach, S. J. 624.
Beauvieux, (84), (1124).
and Piéchaud, F., and Rudeau, C. (85). and Piechaud, F., and Rudeau, C. Beck, J. C. (374).
Beckmann, J. W., see Kubie, L. S. Bedell, A. J. 231, 390.
Bedier, E. (1114).
Beeler, A. (74).
Beetham, W. 145.
Behr, C. (273), (1121).
Beigelman, M. 677, 820, 825.
Belfort, F. (934).
Bell, G. H. (656).
Bell, H. M., see Miles, W. R.
Belot, R. (1114).
Benedict, W. L. (90).
and Broders, A. C. 585. and Broders, A. C. 585.
Berberov, R. G. (935).
Berens, C. (349), (450).
Berg, F. (253), (447), (741).
Bergmeister, R. (274).
Bernd, W. (460), (741). Bernea, and Segaller-Miron, (828). Betsch, A. (352). Bey, N. F. (1038). Beynes, see Valiére. Biberstein, H. (1018). Bichelonne, H. B. (742). Bielschowsky, A. (921). Birch-Hirschfeld, (467), (913), (1017). Birch-Hirschfeld, (467), (913 Bistis, J. (561), (656), (917). Black, M. 710, 1066. Black, N. M. 844. and Haessler, H. 139. Blakeslee, G. A. (85). Blanco, T. (181). Blank, A. (460), (1111). Blatt, N. 132, (257), (1035). Blue, J. B. 46, 47, 722. Böck, J. (360), (371).

Boen-Lian, S. (646).
Boente, F. (346).
Boente, F. (346).
Boiler, W. F. (179).
Bonnel, J. B. (94).
Borghesan, E. (1132).
Bourguet, J. (354), (553).
Braun, G. (638).
Brav, A. 425
Bretagne, P. (936).
see Jeandelize.
Briggs, W. A., see Cresswell, T. H.
Broders, A. C., see Benedict, W. L.
Brown, A. L., and Dummer, C. (74).
Brown, E. V. L., and Carris, L. H. 983.
Browning, S. H., see Lawson, A.
Brückner, and Knapova, F. (651).
Brückner, A., see Schieck, F.
Bruckner, Z. (172), (258), (265), (267), (274), (460).
Bruner, A. B. 667.
Bruner, W. E. 617.
Bryn, A. (1133).
Buchanan, L. (550).
Buchanan, M. 435.
Buffington, W. R. (930).
Bulac, C. O. (937).
Bulson, A. E. 871.
Burch, F. E. (184), 427, 428.
Burnham, G. H. (654).
Burky, E. L. 427.
Burns, M. A. (253).
Bursuk, G. G. (1029).
Busacca, A. (346).
Butler, T. H. (734).

Caesar, J. (254), (278).
Cairns, H., and Goulden, C. (1124).
Calhoun, F. P. (550).
Callender, G. R., and Thigpen, C. A. 121.
Calmettes, M., see Frenkel, H.
Cameron, 330, 330.
Cameron, W. C. 662.
Camison, A. (279).
Cammidge, P. J. 152.
Camp, W. E. 429, 429.
Campbell, G. (357).
Campos, E. (828).
Cange, A. (71), (74).
Canis, (562).
Car, A. (352).
and Ortynski, H. (75).
Caramazza, F. (1114).
and Silvagni, M. (68).
Cardell, J. D. 52, 152, 534, (1018).
Carrère, L. (913).
Carrère, L. (913).
Carrère, L. (913).
Carris, L. H., see Brown, E. V. L.
Carson, J. G., see Rodin, F. H.
Carson, W. E. 717, 718.
Caso, G. (638), (1018).
Cassimatis, C. (172), (174).
Casten, V. G. 333.
Castresana, B. (832).
Castresana, F. (1035).
Castroviejo, R. (180).
Cattaneo, D. (746), (932).

Cavka, V. (937). Chahbaz, (183). Chaillous, J., and Garnier, M. (661). Chamberlain, W. P. 617, 617. Chambers, E. R. 721, 722. Chambers, E. R. (22), Chams, G. (461). Chance, B. 333, 434, 435, 810, 810. Chapman, T. C. 46. Charamis, J. S. (357). Terrien, F. (366), (366). see Terrien, F.
Chou, C. H. (271), (366), (366).
Choukri, A., see Fehmy, N.
Christensen, V. (354).
Cirincione, G. (656).
Clapp, C. A. 232, (274), 295.
Clark, C. P. 946.
Clarke, S. 532.
Cobb, P. W. 541.
Cohen, M. (94), 993.
Collier, I. 901. Collier, J. 991. Collins, E. (360). Collins, E. T. 245, 899, (931). Colrat, (92) Colrat, (92).
Comberg, W. (937), (940), (1017).
Constans, G. M. (174).
Contreras, F. (1121).
Conyers, P. 49.
Coppez, H. (366), (554), (1130).
Cordes, F. C., see Martin, R. C.
Cords, R. (661), (1024).
Corrado, A. (558). Corrado, A. (558).
Cournaud, A., see Guillain, G.
Coverdale, H. V. (181).
Cowan, A. 24, (168), (833).
and Lanyon, S. H. 439.
Cresswell, T. H., and Briggs, W. A. (935).
Cridland, B. (937).
Crisp, W. H. 157, 241, 340, 342, 442, 539, 619, 628, 630, 822, 904, 906, 907, 1001, 1001, 1009, 1107.
Crocco, A. (747).
Croll, L. J. (266).
Cross, G. H. 41, 813.
Crossley, E. R. 236, 237.
Cuénod, A., and Nataf, R. 444, (455), (646), (1115). (1115).Culler, A. M., see Parker, W. R. Cunnington, J. F. 721. Curtis, F., and de Decker, J. F. (911). Cushing, H. (927). Cushman, B., see Suker, G. F.

Daily, L., see Daily, R. K.
Daily, R. K., and Daily, L. (177).
Dami, D. (71).
Davenport, R. C. (917).
Davidson, M. 33, 323, (374).
Davis, F., see Wolff, E.
Davis, H. B. 337.
De Decker, J. F., see Curtis, F.
Degeller, S. (366).
Degeller, Z. B. (748).
Dehogues, J. L. (1035).
Dejean, (1118).
see Galavielle.
Dejean, C. (928).

see Truc, H.
Dejean, P. (181).
Delaney, J. H. 1058.
Delanoé, E. (69).
Del Barrio, see Barrio.
Del Duca, M. (83), (253), (361), (935), (935), (1133).(1133).
Delganov, V. N. (643).
Depouilly, L., see Morax, V.
Derby and others, (657).
Derby, G. S. 330, 621, 715, 1042, 1042, 1068.
Derer, J. (258), (361).
Deutschmann, R. (80), (349). Devney, C. 1098. see Kronfeld, P. C. De Witt, E. N. 710. Di Fede, N. (646). Di Giunta, R. (563). Dihigo, see Loeches, Di Marzio, Q. (556), (644). and Salvatori, G. B. (1111).
Dimissianos, B. (550).
Dixon, G. S. (747).
Deggert, J. H. 624, 722, (737).
Doherty, W. B. (90).
Dollar, 53. Dollar, S3.
Dollfus, M. A. (71), (1033),
Dominguez, D. D. (841),
Donovan, J. A. (747),
Dorrance, G. M. 438, 675,
Doumer, E. (167),
Dow, J. 1103,
Doyne, 722,
Dephysical Action of Torollic Drobyschewz, A., see Towlin, B. G. Dudinov, O. A. (1127).

Duke-Elder, W. S. (461), 900, (1118). and Stallard, H. B. (743).

Dummer, C., see Brown, A. L. Dunphy, E. B. 144, 145, 332, 433, 894. Dupny, E. B. 144, 145, 332, 433, 894. Dupuy-Dutemps, L. (744). Dusseldorp, M. (361). Duverger, C., and Velter, E. (467). Duverger, R. (357). Dwijkoff, P. P., and Lewkoewa, E. F. (1027). Dymshitz, I. A., and Avrutova, V. A. (362).

cts

Eason, 722.
Ebaugh, G. F., and Jefferson, R. A. (914).
Eber, C. T. 974.
Eberle, H. (362).
Edmund, C. (661), (736).
Edridge-Green, F. W. 532.
Ehlers, H. (170), (274), (556), (748).
Eleonskaia, V. (69).
Ellett, E. C. 33, 57, 156, 569, 824, 1093, 1094, 1094, 1094, 1095.
Elliot, R. H. 567, (840).
Ellis, E. K. 717.
Elschnig, A. (470), (660), (744), (932), (1029), (1039).
Elschnig, H. (931).
see Axenfeld, T.
Emmons, H. M. 332.
Espildora Luque, C. (174), (177), (177), (178), (267), (352).
Esteban, M. (371), (1112).

Evans, J. J. (940). Evans, J. N. (637). Falta, M. (833). Farina, F. (657). Favory, see Terrien, F. Fazakas, A. (280). Fehmy, N., and Choukri, A. (69). Fejer, J. (1112). Fernandez, J. E. (732), (742).
Fernandez, J. E. (732), (742).
Ferree, C. E., and Rand, G. 118, (1022), and Rand, G., and Wentworth, H. A. 690, and Rand, G., and Monroe, M. M. 859.
Feuillié, É. (638).
Fewill, A. G., see Schweinitz, G. E. de. see Holloway, T. B. Fick, A. E. (639). Figdor, P. (1018). Filatow, W. P. (461), (557), (651). see Issatchenko, N. N. see Issatchenko, N. N.
Filippow, N. A. (464).
Finnoff, W. C. 329, 620, 621, 1000.
Finsham, E. F., see Goulden, C.
Fiore, T. (657), (744), (921).
Fischer, E. M. (644).
Fischer, F. (271), (461).
Fischer, F. P. (447), (918).
Fischer, V. B. (830).
Fisher, J. H. 902.
Fisher, M. H. (1025).
Fisher, W. A. (180).
Ford, R. 625.
Forsberg, C. W., and Stern, M. A. (280).
Fortin, E. P. (76), (349).
Fortin, M. (164). Fortin, E. P. (76), (349).
Fortin, M. (164).
Fox, L. W. 307, (829), (1019).
Fradkin, M. J., see Monjukowa, N. K.
Franta, J. (268).
Fraticelli, A. (750).
Freeman, E. (830).
Freiman, G. 521.
Frenkel, H., and Calmettes, M. (453).
Friede, R. (1127).
Friedenwald. H., and Friedenwald. Friedenwald, H., and Friedenwald, J. S. (275).Friedenwald, J. S. (96), (543), (836), 943. and Pierce, H. F. (837). see Friedenwald, H. Friedman, B., and Rötth, A. 1050. Friesen, H. J. 819. Fry, W. E. (1039), 1064. see Holloway, T. B. Fuchs, A. (464), (1025). Fuchs, E. (75), 113, (464), (563), (737), (834),

Gabriélidés, A. (744).
Gabriels, J. A. C., see Judge, H. V.
Gager, L. T. (80).
Gala, A. (258), (259), (358), (358), (362),
(744).
Galavielle, and Dejean, (561).
Gapeeff, P. I. (1122).
Garnier, M., see Chaillous, J.
Gauss, H. (1039).

(842). Fulton, J. F. 1005.

Gay, L. N. (561).
Geisler, (366).
Gerlach, G. (358).
Gernet, R. (280).
Gibson, S. 713.
Gifford, H. (90).
Gifford, S. R. (77), (176), (257), (1019).
Gillett, H. M. (1133).
Glover, L. P. 411.
Gnad, F. (638).
Goes, M. (738).
Goldbach, L. J. (95). Goes, M. (738).
Goldbach, L. J. (95).
Goldenburg, M. 235, 235, 699.
Goldmann, H. (271), (924).
Goldstein, I., and Wexler, D. (81), (558), (842), (924).
Golowin, S. S. (733), (932), (935).
Gomez, M. J. (1133).
Gonin, J. (843).
Goulden, C. (78).
and Finsham, E. F. (167). and Finsham, E. F. (167). see Cairns, H.
Gouterman, J. I. (268).
Gradle, H. S. 58, 304, 526, 538, 664, 726, 816.
Graf, K., and Reis, W. (551).
Granström, K. O. (262), (654).
Grant, H. W. 431. Grassus, B. 61. Green, A. S. (167). and Green, L. D., and Green, M. I. (658). Green, L. D., see Green, A. S. Green, M. I., see Green, A. S. Greenwood, A. 301, 333, 568. Gresser, E. B. 886. Griffiths, A. 625. Grimths, A. 025.
Grimsdale, H. (1129).
Griscom, J. M., and Tassman, I. S. 334.
Grönblad, E. (275).
Grønvall, H. (654).
Guerra, P. (455), (647).
Guillain, G., and Cournaud, A., and Rouques, L. (1025). Guillery, H. (465). Guiral, R., and Guiral, R. J. (1033). Guiral, R. J., see Guiral, R. Guiral, R. Guiral, R. Guiral, R. (268).
Guist, G. (829).
Gutzeit, R. (358).
Gyger, R. (662).

Haase, A. (367).
Haessler, H., see Black, N. M.
Hagedoorn, A. (355), 1014.
Haitz, E. 250.
Halbertsma, K. T. A. (1023), (1029).
Halluer, C. (933).
Hambresin, (917).
Hamburger, C. (658), 847, (919).
Hamilton, J. B. (367), (557), (1118), (1125).
Handmann, M. (1117).
Hanke, V. 1109.
Harman, N. B. (164).
Hartgraves, H. 713.
and Kronfeld, P. C. 1101.
Hartmann, K. (1127).
Hayri, H. (280).

Heath, W. E. (367). Heckel, E. B. (91), (455), 616. Heimann, E. A. (837). Heine, L. (363), (450), (640). Heinonen, O. (255). Helms, T. (462). Hemmes, G. D. (912). Hepburn, M. L. (1033). Herbert, H. (1117). Herrenschwand, F. (371), (372). Hertel, E., see Ovio, G. Hérubel, M., see Quidor, A. Herzog, M. (736). Hessberg, R. (551). Heyfetz, M. J., see Monjukowa, N. K. Higgins, S. G. 1099. Hilgartner, H. L. (167). Hill, L. (254). Hippel, E. (924). Hoff, H., and Hoffman, T. (1125). Hoff, H., and Hoffman, T. (1125). Hoffman, T., see Hoff, H. Hoffman, W. H. (835). Holloway, T. B., 529, 568, 595. and Fry, W. E. (81). and Fewell, A. G. 436. and Fewell, A. G. 436. Hoorgina, E. (78). Hopkins, G. 150, 150. Horniker, E. (1040). Horton, J. J. 226, 227. Huber, O. (367). Huber, W. A. 424. Hudelo, A. (458), (640), (748). Hughes, N. (1119). Hughes, W. L. (828). Iga, F. (655). Iga, F. (655).
Igersheimer, J. (276), (555), (1030).
Ingvar, S. (170).
Iofe, Z. M. (747).
Ishikawa, F. (262).
Ismet, N. (173), (178),
and Mouzaffer, (280).
Issatchenko, N. N., and Filatow, W. P. (465). Jackson, E. 55, 155. 244, 321, 339, 440, 537, 663, 703, 724, 1008. 663, 703, 724, 1008. and O'Rourke, (831), 1105. Jacobson, M. M. 711. Jacoby, M. W. 618. Jaeger, E. (455), (647). Jaensch, P. A. (925), (936), (1025). Jahnke, W. (448). James, W. M. 1084. Jeançon, E. C., see Mills, L. Jeandelize and Bretagne, (655). Lefferson, R. A., see Ebaugh, G. F. Jefferson, R. A., see Ebaugh, G. F. Jennings, J. 716. Jess, A. (368). Jirman, J. (266), (266). John, I. (353), (1020). Johns, J. P. 792, 956. Johnson, G. L. (918). Johnston, K. R. (76). Johnson, K. B. (76). Johnston, K. B. (76). Jourdan, H. (81). Judd, J. H. (91), (95). Judge, H. V., and Mott, W. C., and Gabriels, J. A. C. (281).

Julier, F. 899. Junius, P. (545), (735). Kadlicky, R. (259), (563), (1036). Kadyi, S. (658). Kahler, H., and Sallmann, L. (468). Kalashnikov, V. P. (92). Kanbai, G. (281). Kanda, K. (259), (266). Kantor, D. (1134). Kanzikovskaja, R. S. see Seregin, E. Kapzikovskaia, R. S., see Seregin, D. F. Karr, W. G., and Tassman, I. S. (78). Katz, D. 711, 711, (914). Katr, W. G., and Tassman, I. S. (78).

Katz, D. 711, 711, (914).

Keeler, E. C. (350).

Keilty, R. A. 876.

Keith, A. 901.

Kemal, M. (179), (282).

Kemler, J. I. 610.

Kerridge, P. T., see Adams, D. R.

Kershner, W. E. 895.

Key, B. W. 187, 438.

Keyes, J. E. L. 618.

Kiep, W. H. (837).

King, C. (180).

King, G., see Pillat, A.

Kinney, J. G. 819.

Kirby, D. B. (263), (919).

Klar, J. (1134).

Klare, D. (346).

Klauber, E. (268).

Klauder, J. V., and Robertson, H. 231, 285.

Kleefeld, M. G. (639), (639).

Klein, N. (363).

see Rötth, A. see Rötth, A.
Knap, F. (269).
Knapova, F., see Brückner.
Knapp, A. 141, (263), (920).
Knapp, F. N. 515.
Knapp, P., and Lüdin, M., (91).
Knighton, W. S. (171).
Koby, F. E. (71).
Kokawa, H., see Shoji.
Koldovsky, K. (562), (750).
Kotlarevskaia, S. Z. (841).
Koyanagi, Y. (276), (921), (1119), (1122).
Krachmalnikov, L. L. (933).
Krasso, I. (269), (734), (829), (829).
Krautbauer, G. (462).
Kreiker, A. (1040).
Kronfeld, P. C. (838).
see Hartgraves, H. see Rötth, A. Kronteld, P. C. (838).
see Hartgraves, H.
and Devney, C. E. 1101.
Krückmann, E. (546).
Kubie, L. S., and Beckman
Kubik, J. (652).
Kunii, H. (1030).
Kunz, E. (913).
Kurz, J. (259), (282).
Kyrieleis, W. (938), (1122). and Beckmann, J. W. (183).

cts

Lacat, C. (455). Lagrange, H. 729, (831). Lamb, H. D. (91), 1042. La Motte, L. A. 819. Lane, L. A. 428. Lange, F. (82). Langendorff, F. J. (455).

Langlands, N. M. S. 58.
Lanyon, S. H., see Cowan, A.
Larsson, S. (662).
Lauber, H. (448).
Lawson, A., and Young, R. A., and Browning, S. H. (1134). Lauber, H. (448).
Lawson, A., and Young, R. A., and Browning, S. H. (1134).
Lazarescu, D., and Lazarescu, E. (738).
Lazarescu, E., see Lazarescu, D.
Lear, E. G. (558).
Lebensohn, M. H. 236, 236.
Lee, H. (171).
Leech, V. 816.
Lenard, E. (255).
Lenz, G. (277).
Leonardi, E. (739).
Leoz Ortin, G. (169).
Lerner, M. L. 473.
Leser, O. (363).
Letchworth, T. W. (1118).
Levine, J. (739).
Levinsohn, G. (347), (451).
Levinsohn, G. (347), (451).
Levinsohn, L. (925).
Levinson, M. (173).
Levkoeva, E. F. (915).
Levy, A. H. (169).
Levy, H. H. 991.
Lewis, A. C. 723, 1095, 1095, 1095.
Lewis, F. P. (564), 707.
Lewis, F. P. (564), 707.
Lewis, W. W. 806, 809, 1005.
Lewitsky, M. (831).
Lewkoewa, E. F., see Dwijkoff, P. P.
Liebermann, F. M. (1020).
Liebermann, F. M. (1020).
Liebermann, W. 146.
Lillie, W. I. 13.
Lindner, K. (69), (1041), (1119), (1120).
Ling, W. P. (915).
Lipowitz, N. S., see Alissow, P. A.
Litinsky, G. A. (937), (940).
Liu Pau Hua, (468).
Livingston, P. C. (921).
Lloyd, R. I. 396, 496, 753, 968.
Lobeck, E. (350), (1036).
Lo Cascio, G. (640).
Loddoni, G. (92), (183), (256), (543), (647), (652), (1122).
Loeches, and Dihigo, (551), (557).
Lopes d'Andrade, (363).
Lottrup-Andersen, C. (1020). Loeches, and Dihigo, (551), (557). Lopes d'Andrade, (363). Lottrup-Andersen, C. (1020). Löwenstein, A. (276), (347), (363), (449), (1130).and Reiser, E. (546). Lucic, H. 1004. Lüdin, M., see Knapp, P. Lukovski, T. A. (835). Lumbroso, U. (647). Lunadei, A. (260). Lurie, S. J. (462). Lutz, A. (1031), (1131). Luzsa, A. (358). Lyritzas, D. (456).

McCallan, 532. MacCallan, A. F. 625, (938). McCaw, J. A. 619, 620.

McCool, J. L. 491.
McCoy, G. 819, 820.
McCoy, H. J. (171).
McHenry, D. D. (648).
McIlroy, H. 151.
McKee, J. 337.
McKee, J. W. 407.
McKee, S. H. 209, 527, (558).
McKeown, E. E. 149, 328.
Maddox, E. E. 53, 379.
Maggiore, L. (375), (468), (564).
Magnasco, M. (87), (264), (363), (372).
Majewski, K. (735), (922).
Malbran, J., see Manes, A. J.
Malet, see Barrière.
Mamoli, L. (93), (1113). Malbran, J., see Manes, A. J.

Malbran, J., see Manes, A. J.

Malet, see Barrière.

Mamoli, L. (93), (1113).

Manes, A. J. (79).

and Malbran, J. (164).

and Moulie, (652).

Maness, G. M. 817.

Mann, I. (182), (915).

and Ross, J. A. (182).

Marinosci, A. (260), (1113).

Marlow, F. W. (1025).

Marquez, J. G. (350).

Marquez, M. (375).

Marshall, C. 52.

Martinez, Nevot, (175).

Martin, R. C., and Cordes, F. C. (282).

Maselnikova, E. I. (1021).

Mathewson, G. H. 318, 380.

Matsui, J. (462).

May, C. H. 827.

May, G. A. (915).

Mayer, L. L. (169), 991.

Mayou, M. S. 153, (182), (745).

see Thomas, T.

Mazal, V. (264), (462), (559), (653).

Medvediev, N. I. (93), (916).

Melanowski, W. H. (658), (1126).

Meller, J. (350), (829), (1127).

Menacho, M. (179), 728.

Merkulov, I. I. (1131).

Meyer, H. (449), (660), (925), (1033).

Meyerhof, M. (456).

Meyer-Waldeck, F. (830).

Mikaeljan, R. C., and Transpolsky, I. J.

(260).

Miles, H. S. 63. (260).
Miles, H. S. 63.
Miles, W. (640), (641).
Miles, W. R. (1023).
and Bell, H. M. (644). (641), (641). and Segel, D. (644). Miller, H., see Piness, G.
Miller, W. 153.
Millette, J. W. (920).
Mills, L. (565).
and Jeançon, E. C. (1131). Mita, H. (368), (1122).

Moers, P. (738).

Möller, H. U. (275), (547), (552).

Monbrun, A. (456).

Moncreiff, W. F. 999.

Monjukowa, N. K., and Fradkin, M. J. and Heyfetz, M. J. (266).

Monroe, M. M., see Ferree, C. E. Moore, P. 618.

Moore, R. C. 814, (1027).

Moore, R. F. 626, (745).

Morax, V. (70), (375), (457).

and Petit, P. J. 633.

and Schouboe, (1115).

and Depouilly, L. (1129).

Moretti, E. (364), (457).

Moreau, (661).

Morgan, 625.

Morgan, O. 721, 721, 721, 721, 721.

Morgan, O. G. 53.

Morton, H. McI. 888.

Mott, W. C., see Judge, H. V.

Mouhiddin, F., see Rifat, A.

Moulie, see Manes.

Mouzaffer, see Ismet, N.

Mrazova, I. (368), (462).

Muende, I. (913).

Muldoon, W. E. (375).

Mulock-Houwer, A. W. (364).

Mura, F. (365).

Mureddu, G. (922).

Musial, A. (1129).

Mussabeili, U. C. (916).

Mylius, K. (555).

Nataf, R., see Cuénod, A.
Nayer, K. K., see Wright, R. E.
Neame, H. 52, 625.
Neeper, E. R. 328, 328, 329.
Nemlicher, L. J., and Rappoport, B. J. (454).
Neuschueler, I. (275), (1114).
Nicolato, A. (641).
Nicolich, M. (376), (376), (834).
Nida, M. (70), (87).
Nitsch, M. (365).
Noiszewski, K. (179).

Oblath, O. 1014.
O'Brien, C. S. 632.
O'Connor, R. (557).
Odeneal, T. H. (642), 804.
Ohm, J. (463), (912), (940), (1023), (1026).
Orcutt, D. C. 235, 236.
Orloff, K. C. (173).
Ormond, A. W. 721, 722.
O'Rourke, D. H., see Jackson, E.
Ortynski, H., see Car, A.
Osborne, J. 818.
Ovio, G. (544), (1017).
and Hertel, E. (1113).

Pacalin, (748).
Pacalin, G. (282).
Pagés, R. (648).
Panico, E. (470), (558), (743), (746), (916), (1131).
Papolczy, F. (457), (470), (1027), (1129).
Parker, W. R., and Culler, A. M. 573.
Parsons, J. H. 159, (642).
Passow, A. (919).
Paton, L. 151, 897.
Patry, A. (552), (941).
Pattee, J. J. 149.

Patton, J. M. (168), 524, (558). Patton, J. M. (168), 524, Patwardhan, D. G. (735). Pech, J. L. (1023). Pecho, S. (369). Pedrazzini, F. (84). Pellathy, A. (271). Pellathy, B. (449). Penman, G. G. (739). Penman, G. G. (739).
Perrez Bufill, (182).
Perrin, R. (449).
Perwog, M. (1129).
Pesme, P. (552).
Petelen, D. (369).
Peter, L. C. 335, 869.
Peters, A. (358).
Petit, P. J., see Morax, V.
Pfingst, A., and Spurling, R. G. (171).
Pflimlin, R. (450).
Pflügk, A. (272).
Pi, H. T. (376).
Pickard, R. 626, 720.
Piéchaud, F., see Beauvieux.
Pierce, H. F., see Friedenwald, J. S.
Pillat, A. 1, (72), (264), (369), (369), (372), (653), (832), (653), (832), (033), (832), and King, G. (73). Pimentel, P. C. (839). Piness, G., and Miller, H. (373). Pischel, D. K. (653). Pletneva, N. A. (548). Pochissoff, N. (1115). Poe, D. L. 1045. Pohissov, N. I. (1130). Polak, B. L. (79), (1021). Polak, B. L. (79), (1021).
Politzer, G. (272).
Poljak, G. D. (282).
Pollakova, J. (267).
Pollnow, L. (843).
Poos, F. (87), (658).
Poos, G. H. 229, 605.
Post, L. 21, 56.
Post, L. T. 725.
Post, M. H. 33, 987.
Powell, L. S. 338, 796.
Poyales, F. (272), 526.
Pratt, F. J. 431.
Pratt, J. A. 430.
Prosorowski, B. M., see Towbim, B. G.
Protopopov, B. V. (180).
Ptak, E. (261). Protopopov, B. V. (180).
Ptak, E. (261).
Ptashnick, D. B. (835).
Puglisi Duranti, G. (746).
Puiggari, M. I. (354).
Purtscher, A. (365).
Puscariu, E. (565), (836).

ts

Quick, D. (1028). Quidor, A., and Hérubel, M. (642), (642).

Rabkin, E. B. (1021). Ralston, 616. Ramsay, A. M. 248. Rand, G., see Ferree, C. E. Ranzi, E. (936). Rappoport, B. J., see Nemlicher, L. J. Rauh, W. (920). Raverdino, E. (355), (933).

Redslob, E. (548), (913). Redway, L. D. 336, 891. Reed, J. R. 1090. Reed, J. R. 1090. Reese, A. B. (746). Reese, W. S. 232, 812. Regan, J. J. 622. Reiger, H. (735). Reis, W. (465). see Graf, K.
Reiser, E., see Löwenstein, A.
Reitsch, W. (454), (457).
Renard, see Terrien, F.
Renard, G. (356), (914).
Ricci, E. (451). Ricci, E. (451).
Richardson, S. (922).
Ridley, F. (1126).
Rieger, H. (548).
Riehm, W. (1033).
Riemer, H. B. C. 144.
Rifat, A. (82), (1037).
and Mouhiddin, F. (84).
Riggins J. W. (174). and Mouhiddin, F. (84).
Riggins, I. W. (174).
Ringle, C. A. 1002.
Rivas Cherif, M. de (164).
Robertson, H., see Klauder, J. V.
Rodin, F. H. (365).
and Carson, J. G. (562).
Rohner, M. (923).
Rohrschneider, W. (168).
Rollet, J. (916), (939).
Rones, B. (1037).
Rosenblatt, N. (743).
Ross, J. A., see Mann, I. Ross, J. A., see Mann, I. Rössler, F. (451). Rothenberg, S. (373). Rothenberg, S. (373).

Rötth, A., and Klein, N. (920).

and see Friedman, B.

Rouques, L., see Guillain, G.

Rowe, A. W. (839).

see Rowland, W. D.

Rowland, W. D. 143, (184).

and Rowe, A. W. 413.

Roy, D. (264).

Roy, J. N. (94).

Royer, B. F. (376).

Rubbert, I. I. (282).

Rubbrecht, M. R. (736), (923).

Rucker, C. W. (272).

Rudeau, C., see Beauvieux.

Ruskin, S. L. (1128).

Rutherford, C. W. (562), (649).

Rychener, R. O. 1096, 1097. Rychener, R. O. 1096, 1097.

Saba, V. (655).
Sabata, (370).
Sabata, A. (255).
Sabata, J. (261), (359), (559), (654), (748).
Sabatzky, K. (264).
Sabbadini, D. (748).
Sacha, A. (370), (463).
Sachs, B. 145.
Sachs, E., see Ahlenstiel, H.
Safar, K. 219, (347), (465), (736), (933), (1120).
Salit, P. W. 1072.
Sallmann, L., see Kahler, H.

Explanation: Numbers in heavy type refer to Salvati, (174), (175), (562). Salvati, G. (639), (830). Salvatori, G. B., see Di Marzio, Q. Salzer, F. (348). Salzmann, M. (1120). Samuels, B. (1034). Sanna, G. (256), (926). Santanastaso, A. (749). Santori, G. (1128). Sanyal, S. 425. Sattler, C. H. (910). Sauer, L. (939). Sawhney, M. R. (559). Scardapane, F. (370), (1123). Scarlett, H. W. (548). Schenck, C. P. 801. Schiff-Wertheimer, S., and Tillé, M. H. (549). Schiffler, H. (938). Schimelzer, H. (637). Schoenberg, M. J. (254), (924). Schouboe, see Morax. Schoute, G. (1024). Schuberth, K. (267). Schuberth, K. (267). Schuberth, K. (267). Schubert, E. (654). Schuster, E. (654). Schweinitz, G. E. de, (565). and Fewell, A. G. 335. Scotti, P. (463), (638), (1131). Seale, E. A. (87). Sédan, J. (82), (96), (734), (1115), (1121). Sedillot, J. (929). Segaller-Miron, see Bernea. Segel, D., see Miles, W. R. Scorallem, (255). Sedwick, W. A. 621.
Seefelder, R. (555).
Segaller-Miron, see Bernea.
Segel, D., see Miles, W. R.
Segelken, (255).
Selinger, E. 712, (912).
Seregin, D. F., and Kapzikovskaia, R. S. (77).
Sgalitzer, M. (355).
Sharova, K. F. (70).
Shields, J. M. 329, 619.
Shire, F. W. (746).
Shoji, Y. (835), (1121).
and Kokawa, H. (1031).
Silvagni, M., see Caramazzi, F. and Kokawa, H. (1031).

Silvagni, M., see Caramazzi, F.

Silvestrina, F. (910).

Simko, (458).

Simoes, A. C. (841).

Simopoulos, C. 635.

Skirball, J. J. 144.

Sladden, A. F. (736).

Slavik, B. (261), (365), (560).

Small, C. P. (376).

Smith, H. G., and Barkan, H., and Barkan.

O., 1076.

Smith, K. R. (454). Smith, K. R. (454). Solarikova, (371). Solovieva, M. K. (933). Sondermann, R. (469). Soriano, F. J. (176). Soriano y Lando, (1031). Sorsby, A. (941).

Sourasky, 53, 53.
Sourdille, G., see Worms.
Souter, W. C. (918).
Spaeth, E. B. 529.
Speciale-Cirincione, (359).
Spiro, I. 722.
Spitze, E. C. 229.
Spratt, C. N. 429, 810, 1006, 1006, 1079.
Spurling, R. G., see Pfingst, A.
Sreznevsky, V. V. (165).
Stallard, H. B. (350).
see Duke-Elder, W. S.
Stanford, 1093.
Stastnik, E. (255), (261), (265).
Stein, R. (934).
Steinbugler, W. F. C. (1134).
Stepka, J. (257).
Stern, M. A., see Forsberg, C. W.
Stief, A. (552).
Stieren, E. 319.
Stiles, C. M. 423.
Stiles, G. M. 423.
Stine, G. H. 101.
Strebel, J. (257), (649).
Streckfuh, H., see Ahlenstiel, H.
Strohl, A. (165).
Subileau, J. M. (830).
Suker, G. F. 713, 996, 998.
and Cushman, B. 713, 781.
Sullivan, R. 535.
Svoboda, J. (261).
Swab, C. M. (749), 884, 1054.
Sweeney, J. S. (373).
Swift, G. (552).
Szekely, J. (917), (1114).
Szily, A. V. (1022), (1126).
Taboriski, J. (458).
Tagawa, S. (463).
Talbot. (1116). (1116).

Taboriski, J. (458).
Tagawa, S. (463).
Talbot, (1116), (1116).
Taratin, P. (934).
Tassman, I. S. 326,
see Karr, W. G.
see Griscom, J. M.
Taylor, E. W. 434.
Teräskeli, H. (458).
Terrien, F. (373).
and Renard, (351).
and Favory, (464).
and Charamis, J. (936).
and Veil, P. (1118).
Terry, T. L. 145, 432, 432, 433, 896.
Terson, A. (356), (359), (359), (914).
Tessier, G. (261), (458), (659).
Theobald, G. 237, 238, 238, 238, 239, 597.
Thiesen, H. K. (356).
Thigpen, C. A., see Callender, G. R.
Thomas, J. W. T. 901.
Thomas, T. 151, 151.
and Mayou, M. S. 153.
Thompson, J. W. 147.
Thompson, L. E. 148, 148.
Thomson, E. S. (183).
Thornburg, H. 819.
Thorington, J. 825.
Thouvenet, see Valière Vialeix.
Thygeson, P. 1002.

Ticho, A. (566).
Tillé, H. 159.
see Schiff-Wertheimer, S.
Tiscornia, A. (1132).
Tooke, F. T. (92).
Tooker, C. (73).
Toulant, P. (566), (835).
Towbim, B. G., and Prosorowski, B. M. (74).
Towlin, B. G., and Drobyschewa, A. (1036).
Transpolsky, I. J., see Mikaeljan, R. C.
Trantas, (180), (351), (1118).
Trapesontzewa, C. (1116).
Trendelenburg, W. (451).
Triosso, S. (276), (278).
Tron, E. Z. (929).
Truc, H., and Dejean, C. (88), (1129).

Ungever, F. (179). Urbanek, J. (466).

Vail, D. T., Jr., (70).

Valière, and Vialeix, and Beynes, and Thouvenet, (557).

Van Heuven, G. J. (929).

Van Lint, (168), (921), (1113),

Vannas, M. (267), (833).

Vantobel, E. (170).

Vasek, E. (273).

Vassutinsky, (79).

Veil, P. (1022).

see Terrien, F.

Vejdovsky, (560).

Vejdovsky, V. (265).

Velez, D. M. 408.

Velhagen, C. (353).

Velhagen, K., Jr. (555), (1117).

Velter, E., see Duverger, C.

Verebely, T. (356).

Verga, P. (1130).

Verhoeff, F. H. 623, 894, 894.

Verrijp, C. D. (912).

Vestergaard, J. D. E. (269), (1123).

Vialeix, see Valière Vialeix.

Villard, H. (939).

Vinaver, L. (743).

Vinazzer, E. (373).

Vogt, A. (181), (345), (374), (548), (1032), (1032).

Vom Hofe, K. (345).

Von der Heydt, R. 816, (1038).

Waardenburg, P. J. (356), (642), (911), (911), (938), (1024), (1117). Waddy, G. (351). Wadia, B. K. 827. Waite, H. 331.

and Gradle, H. 867. Vujtech, K. (262), (262), (265), (360). Vydovsky, (265). Walker, C. B. 198, (273), 819.
Warner, R. J. 818.
Wätzold, P. (450).
Weber, F. (452).
Weekers, L. (459), (566), (932).
Weekers, M. (740).
Weeks, J. E. (735).
Wegner, W. (254), (352), (1037), (1037).
Weill, G. (545).
Wentworth, H. A. see, Ferres, C. F. Weill, G. (545).
Wentworth, H. A., see Ferree, C. E.
Wertheimer, E., see Wessely, K.
Wessely, K. 343, 826.
and Wertheimer, E. (254).
Weymann, M. F. 154, 314, 441, (649).
Wexler, D., see Goldstein, I.
Whalman, H. 820.
Wheeler, J. 623.
Wheeler, J. M. 508.
Whitham, L. B. 426.
Whiting, M. (926).
Wiener, M. 228.
Wilde, A. G. 44.
Wilder, W. H., 387, 681, 845, 1099.
Williams, C. M. (88).
Williamson-Noble, F. A. (175), (1924) Williamson-Noble, F. A. (175), (1924). see Adams. Wilmer, W. H. 233, 478. Wilson, R. P. (459). Winther, K. (353). Winther, K. (353).
Wolchonsky, S. (650).
Wolf, S. (655).
Wolf, E. 533, (1126).
and Davis, F. (82).
Wolff, J. 989.
Wood, C. A. 61.
Wood, D. J. (733).
Wood, H. 330, 627, 816.
Wood, S. (750).
Woodruff, F. E. 49.
Woods, A. C. (76).
Worms, and Sourdille, G. (926).
Wright, R. E. (165), (273), (360), (733), 1013. 1013. and Nayer, K. K. (840). Wright, W. D. 909. Wurdemann, H. V. (934). Wurz, R. (549), (549).

Yassky, H. (566). Young, C. A. (86), 125, 435. Young, H. B. 162. Young, R. A., see Lawson, A.

Zachert, (71).
Zahor, A. (560), (561).
Zamenhof, A. (165), (828).
and Arkin, W. (746).
Zeidler, M. (459).
Zentmayer, W. 527.

SUBJECT INDEX

Explanation: Numbers in heavy type refer to original articles, parenthetic numbers to abstracts

Abducens paralysis, (1114). from head compression, (833). periodic, (1027). Abscess of face, (748).

Abstracts 1.

General methods of diagnosis, (164), (253), (447), (637), (828), (1017). Therapeutics and operations, (165), (254), (448), (638), (828), (1018), (1111). Physiologic optics, refraction, and color vision, (168), (255), (450), (639), (830), (910), (1022), (1113). Ocular movements. (170), (257).

Ocular movements, (170), (257), (452), (643), (832), (911), (1024), (1114).

Conjunctiva, (68), (172), (258), (454), (645), (732), (833), (913), (1027), (1114).

Cornea and sclera, (71), (174), (262), (460), (650), (733), (834), (914), (1028), (1116).

Uveal tract, sympathetic disease, and

aqueous humor, (74), (176), (265), (464), (654), (733), (835), (917), (464), (1032).

Glaucoma and ocular tension, (76), (177), (267), (345), (467), (656), (733), (836), (918), (1117).

Crystalline lens, (78), (179), (269), (345), (469), (543), (659), (734), (840), (919), (1118).

Retina and vitreous, (79), (181), (273), (348), (545), (661), (735), (841), (921), (1118).

(1118).
Optic nerve and toxic amblyopias, (83), (183), (276), (352), (550), (736), (924), (1121).
Visual tracts and centers, (84), (276), (354), (553), (736), (926), (1124).
Eyeball and orbit, (87), (184), (278), (355), (556), (737), (930), (1125).
Eyelids and lacrimal apparatus, (87), (278), (356), (557), (740), (932), (1126).

12.

13.

(278), (1126).

15. Tumors, (89), (360), (558), (743),

Tumors, (934), (1129). Injuries, (92), (366), (558), (746), 16. Injuries,

Systemic diseases and parasites, (371), (561), (748), (938), (1132).

Hygiene, sociology, education, and history, (96), (374), (562), (750), history, (90) (940), (1134).

Accessory effects of correcting glass, etc., 24.

Accessory nasal sinuses, see nasal accessory sinuses.

Accommodation, anomalies of (1022). in encephalitis, (939). measuring, (831).

mechanism of (640). transient myopia and, 825.

paralysis, diphtheric, (643). after ergotin, (257). tension in, (659). Acetylcholin, (352).

Achromatopsia, congenital, and macular yellow, (642).

Acne rosacea, rodent ulcer with, (1031). Adaptometer, portable, (657).

Addison's disease, pigmentation of conjunctiva in, (913).

Adenocarcinoma, of conjunctiva, 529. of the glands of Moll, (361). of lacrimal gland, 585, (1128).

Adenoidism, ocular, and trachoma, 1015. Adenoma, cystic, of conjunctiva, 52.

Adiposogenital optic nerve atrophy, Adrenalin, and atropin, synergism on intrinsic muscles, 1101. in glaucoma, (179).

pack in glaucoma, (840). in vernal conjunctivitis, (458).

Advancement operation, fixture suture in, (833).

Albinos, nystagmus in, (912). Albinotic lids, reducing translucence, (1127). Albuminuric choroiditis, (464).

Alcohol injection, in blepharospasm, (933). for entropion, (359). spastic, (1127).

for painful eyes, (740). for strabismus, (639), 1095. Algeria, trachoma in, (562), (566).

Allergy in tuberculous keratitis, (73). Amaurosis, see amblyopia.

Amblyopia, ethylhydrocuprein, (83). from gelsemium, 319.

quinine, (1123). twilight, etiology, 729.

and see optic nerve and toxic amblyopias. American Academy of Ophthalmology, etc., meeting, 1136, 1929 transactions, 1013. American Board for Ophthalmic Examina-

tions, 824. American Medical Association, section on

ophthalmology, 62. American Ophthalmological Society, 1929 transactions, 250.

American ophthalmology, phases and contributions of, (565). Ametropia, color sense in, (256).

Amsterdam congress, impressions of, 33. luncheon, 97.

Anaphylaxis, from foreign protein, 146. in sympathetic ophthalmia, tuberculosis, etc., (1033).

Anemia, pernicious, (1133). cataract in, (1037).

Anesthesia, local (facial nerve), (828). orbital, (449).

Aneurism, intracranial, paralysis from, (171). Angiofibroma of orbit, (558). Angioid streaks in retina, 721.

Angioma, of choroid, cavernous, (1129) of iris, (365).

Angiomatosis of retina, (547). familial, (275).

Angiomatous caverns in optic nerve, (276). Angiopathy, retinal, traumatic, (366).

Angiosclerosis, retinal, 328. Angioscotoma, (637).

Angiospasm, involving optic tracts, (85). retinal, and arteriolar disease, 309. with malaria, (1121).

Anilin, dyes for blepharitis, (933). brilliant green, (1020). pencil injury, (368), (560).

Aniridia, (266). hereditary, (266). Anisocoria, in apoplexy, (267). sound stimulus detection of, (165).

Anisometropia and corneal refraction, (911). Ankyloblepharon, filiforme adnatum, (281).

temporary prothesis, (742).
Anomalies, of eyelids, (358).
multiple, (356).
Anterior chamber, bubbles in, and colon bacillus, (465)

cholesterin in, 811. cilium in, 144, (1131)

(449). drugs introduced into, glass membrane in, (267)

reticular formation in, (174).

Antisepsis, (8 "AO", (1121). (828).

Appendicitis, conjunctivitis with, (914). Aqueous humor, citric acid in, (654). internal secretion and, (75).

and see abstracts, section seven. Arc lamp, universal, (447). Argolaval, (1111).

Argyrosis of conjunctiva, (649). of cornea, (651).

with glaucoma, (468)

in pseudosclerosis, (1032). Arsenicals, ocular complications after, (373).

Arterial obstruction of retina, (181).

Arterial pressure and intraocular tension, (918).

Arteriolar disease, retinal angiospasm and, .309.

Arteriosclerosis, local, and albuminuric retinitis, (938).

and senile dementia, optic nerve in, (552). Arteriovenous fistula, see exophthalmos, pulsating.

Artificial eyes, see prothesis.

Asepsis, (828). Asphyxia, traumatic, (367).

Association for research in ophthalmology, 57.

Asteroid hyalitis, (81), 568. Astigmatic chart, (642).

Astigmatism, corneal, (1024). in twins, (1029). El Greco's (375).

frequency, 1101. Atlas of eye diseases, 728. Atropin, injections, (449). and adrenalin, synergism on intrinsic muscles, 1101.

treatment of optic atrophy, (1122) Autohemotherapy in trachoma, (916)

Automobile drivers, medical examination of, (941).

visual acuity, 441, (566), (1134). Autophylactic therapy, (638).

ophthalmia, Autoserum for sympathetic (1033).

Axenfeld, 904.

Baccillus Welchii infection, (1125). Baltimore Medical Society, section of ophthalmology, 232, 426.

Bandage, omission of, (1021). Barraquer method, see cataract.

Belgian ophthalmological society, 445, 1013.

Biastigmatism bobs up again, 906.

Binocular examination of visual field, 250. Binocular vision, see vision. Biomicroscopy, of cataract in Chinese, (271).

sympathetic ophthalmia, (655). Birth injury, 721. Bismuth, in syphilis, 664.

Blastomycosis, (558). of eyelid, (280).

Blennorrhea, inclusion, 1084. Blepharitis, (741). anilin dyes for (933).

roentgen therapy for, 342, (358). Blepharochalasis, (934).

ptosis operation in, (1127). Blepharospasm, alcohol injection in, (933).

Blepharotomy, see lids. Blind population of United States in 1920,

160. Blind spot for color and brightness of back-

ground, 690.

Blindness, in census, 155.

color, see color blindness. in mouse, (350).
night, see hemeralopia.
in old age, (940).
problems of, 725.

red-green, nystagmus in, (1026).

tryparsamide, 333. Blood pressure, in intraocular vessels, (352).

and ocular tension, (468). and osmosis, (658). sedimentation time, (637). Bone spheres, Guist's, 226. Books on ophthalmology, 727.

Books

American Academy of Ophthalmology and Otolaryngology, 1929 transactions, 1013. American Medical Association, section on

ophthalmology, 62. American Ophthalmological Society, 1929

transactions, 250.

Angelucci, A. Ocular adenoidism and trachoma, 1015.

Blind population of the United States, 1920, 160.

Bulletins et Mémoires de la Société Fran-çaise d'Ophtalmologie, 1929, 161.

Collins, E. Treacher. History and tradi-tions of Moorfields Eye Hospital. One hundred years of ophthalmic discovery and development, 245.

Cuénod, A., and Nataf, R., Le trachôme,

Dedication of the Wilmer Institute, 727. Egypt, Ministry of the Interior, Depart-ment of Public Health, Ophthalmic Sec-

tion, 1927 and 1928, 160. Fox, L. W. Reports of eye clinics, session 1929-1930, 1110.

Giza Memorial Ophthalmic Laboratory,

Grassus, Benevenutus. De oculis, 61.

Hagedoorn, A. Contribution to the em-

bryology of the eye, 1014.

Haitz, Ernst. Tafeln zur binokularen Untersuchung des Gesichtsfeldzentrums

mit dem Stereoskop, 250. Hanke, Viktor. Die Differentialdiagnose der wichtigen Augenerkrankungen und Augenverletzungen, mit einem Anhang über die Brillenbestimmung, 1109.

Kurzes Handbuch der Ophthalmologie, first volume, 443.

third volume, 10 fifth volume, 540. 1012.

Lagrange, Henri. laire, 729. Amblyopie crépuscu-

Langlands, N. M. S. binocular vision, 58. Experiments on

Madras Government Ophthalmic Hospital,

1929 report, 1013.

May, Charles H. Diseases of the eye, 827.

Menacho, M. Clinica oftalmologica iconografica (atlas) 728.

Morax, V., and Petit, P. J. Le trachôme,

National Society for the Prevention of Blindness, 1929 annual conference, 730.

Oblath, Oscar. Color vision tests, 1014. O'Brien, C. S. Ophthalmology, notes for O'Brien, C. S. students, 632.

Ofthalmologicky Sbornik, 1930, 1109. Ophthalmological Society of Egypt, 445. Ophthalmological Society of the United United

Kingdom, 1929 transactions, 249. Pacific Coast Oto-Ophthalmological Society, 1929 transactions, 634.

Parsons, John Herbert. Diseases of the eye, 159.

Peters, A. Glaucoma (Graefe-Saemisch

Handbuch), 1012. Ramsay, A. Maitland. The eye in general medicine; the constitutional factor in the causation of disease, with special reference to the treatment of diseases of

the eye, 248. Saggi di Oftalmologia, 826.

Société Belge d'Ophtalmologie, 445, 1013. Thorington, James. Refraction of the

human eye, 825. illé, Henri. Lésions de la macula chez Tillé, Henri. Lésions de la macula chez l'enfant et l'adolescent, dites "maladie de Stargardt", 159.

United Fruit Company, Medical Depart-ment, 1929 report, 827.

Wessely, Karl. Stereoskopischer Atlas der ausseren Erkrankungen des Auges nach farbigen Photographien, section 1, 343; section 2, 826.

E

CCCCCCC

C

C

CCCCC

C

C

Wright, W. D. A redetermination of the trichromatic mixture data, 909.

Botulism, (749). Bowman, William, 901.

Brain, injury, (367).

lesions, scotoma scintillans as initial symp-

tom, (555). tumors and eye, (924). surgery, (936)

Brilliant green, (1020). Brooklyn Eye and Ear Hospital, 99. Bucky's rays, (829), (829). Buphthalmic eyes, ruptured, 818.

Buphthalmos, with multiple anomalies, (739).

and nevus, (177). with normal vision, (737). trephining for, 1006. unilateral, 436.

Burns, see injuries.

Calcium in cataractous lenses, 1072. deficiency, retinal hemorrhages from, 125.

Campimeter, black cloth, perimetry with, (1017).

Cancer, of cornea, (746). radium therapy, (362).

Carcinoma, of choroid, (267).

of cornea, (91). diathermy treatment, (744). epibulbar, basal cell, with penetration of globe, 187. metastatic, (558).

radium therapy in (362).
Carmalt, William Henry, 703.
Caruncle, anatomy, (457).
Cataract, blood-sugar determination, (345). capsular, tunica vasculosa lentis and, (79).

in children, (346). in Chinese (slit-lamp), (271). congenital, (179).

diabetic, 619. electric, 529, 595.

experimental, (271). in cattle lenses, (347).

extraction, (180), (840). akinesia, (273).

anterior chamber, epithelium lining after, (470).

introduction of air into, (1037). bacteriological examination previous to,

(661)complications following puncture of artery, 1001.

dacryocystitis, operation with, 1094.

flap, stitch, 894. glaucoma and, 1094.

incision, closure of, 1099. intracapsular, (79), 241, (347), (921). capsule in, (920).

with capsule forceps, (269), (920). in keratoconus, (470).

Stanculeanu-Török-Elschnig method, 219.

vitreous changes after, (920). with iris prolapse, 236. iritis after, 844. with keratome, (545) phacoerisis, (180), (272). subconjunctival, (273). with suture, (79), (273). zonula in, (180). glassworkers', (272). industrial, (660) iontophoresis, (180). lamellar, 428. leaf and rosette, (920). management of, 1068. naphthalene, (469). nonoperative treatment, (735). in pernicious anemia, (1037). Schneiderian, 53. secondary, needling, (347). senile, etiology, (543). from sodium chloride, (470). "sunflower", (181). tetany, experimental, (271). traumatic, 149, 236, 1097. (lens substance in vitreous), (1118). treatment, medical, (659). ion therapy in, (841). unusual forms, (78). uveitis with, 435. and see lens. Cavernous sinus thrombosis, (556). Census, blindness in, 155. Cerebral localization, 434. Cerebral sclerosis, tuberous, (372). Cerebral tumors, (1123). Cerebromacular disease in epilepsy, 721. Cerebrospinal and intraocular pressure, (179)Chalazion operation hemorrhage in bleeder, Chalcosis, (92), (368), (374). disappearance, (561): Chart, topographic, eye examination and, 323. Chauffeurs, see automobile drivers. Chaulmoogra oil in trachoma, (69), (258). Cheiroscope, 53. Chemical diagnosis of intraocular metallic foreign body, (93). Chiasm, see hypophysis. Chicago Ophthalmological Society, 235, 526, 527, 711, 816, 996, 1098. Children, school, eyes of, 724. refraction in 822. China, native ophthalmology in, (376). Chinese, cataract in (slit-lamp), (271). limbus exaggeration in, (264), (915). quacks, eye injuries by, (369), (369). Chloroform injury to cornea, cyst after, (1130).Choked disc, see optic nerve. Cholesterin, in anterior chamber, 811. in ocular affections, (372).

Choroid, abscess, (1033).

metastatic, (558).

carcinoma, (267)

angioma, cavernous, (1129). atrophy, extreme, 151.

colloid bodies in, 625. coloboma, 721, 792. detachment, 621. drusen, (265). hemangioma, (746). hemorrhage, 1098. melanoma, (90). with tumor on chest wall, 521. melanosarcoma, (746). neoplasm, early symptom, (365). nevus, (76). problems unsolved, (1033). sarcoma, 238, 239, (363), 429, 532. with cerebral metastasis, (92). radon seeds treatment, (745). traumatic rupture with detachment of the retina, 390. tumors, innocent and malignant melanomata, (364). Choroideremia, (655). Choroiditis, 53, 722. albuminuric (464). in leprosy, (835). Tay's, 330, 722, (917). tuberculous, (835). and see retinochoroiditis. and see uveitis. Chromatic aberrations (test type), (1023). Chrysarobin, conjunctivitis after, 1096. Cilia in anterior chamber, 144, (1131). Ciliary body, melanosarcoma, (363). Ciliary and iris muscles in normal and ametropic eye, (256). Ciliary vessels, (75). Cirincione, Giuseppe, 707. Citric acid in aqueous, (654). Cleveland Ophthalmological Club, 616, 616, Clinicians and the student, 56. Coats's disease, juvenile, (182) Cobalt lamp refraction test, (451). Cod liver oil, in corneal opacities, 423. College of Physicians of Philadelphia, section on ophthalmology, 231, 333, 434, 527, 810. Colmatage, (181). Coloboma, of choroid, 721, 792. of iris, 792. lentis, (1037). of optic nerve, 79 bilateral, (550). of retina. (182). Colon bacillus and bubbles in anterior chamber, (465). Color, blind spot for, and brightness of back-ground, 690. Color blindness, congenital, 1064. filters in, (450) Ishihara test, (641). and retinal atrophy, (642). Color photography, 336. for teaching ophthalmology, 891. Color sense; in ametropia, (256). diagnostics, (451). Color vision, (642). tests, 1014,

Colorado Congress of Ophthalmology and Otolaryngology, 665. Colorado Ophthalmological Society, 147, 328, 329, 619, 1000, 1001. Colorado summer graduate course, 570. Condylomata at inner canthi, 886. Congress, see International Ophthalmologi-cal Congress. Conjunctiva, (68), (172), (258), (454), (645), (732), (833), (913), (1027), (1114). adenocarcinoma of, 529. adenoma, cystic, 52. affection, undescribed, (647). amyloid degeneration, (69). argyrosis, (649). bacterial flora of (comparative nasal study), 876. contraction (pemphigus), (913). cysts, (259), (913). gonorrheal ophthalmia, 439. hyperplasia, 53. inflammatory new growths, (69). lymphosarcoma, (90). melanosis, (459). nevus, (1130) papilloma, 625. permeability to tubercle bacilli, (172). pigmentation in Addison's disease, (913). plasmoma, (457). syphilis, (1027). vessels, enlarged, 328. and see trachoma. Conjunctival flap, 1005. for corneal fistula, 1093. Conjunctivitis, with appendicitis, (914). chrysarobin, 1096. follicular, serum diagnosis, trachoma and, (646).folliculo-adenoid, of adolescents, (914). gonorrheal, (455) arthritis after, (261). with dacryoadenitis, (262). Pregl's solution in, (833). Pregl's solution in (vaccinotherapy, (914). membranous, 427. complicating trachoma, (258). with loss of eyeballs, (649). Parinaud's, 625, 722. phlyctenular disease, (175), (358), (459), 713. and allergy, (647). (646), 699. and tuberculosis, (646), from prothesis, (184), 624. pseudomembranous, (261). trichophytid, (913). tuberculous, 721. vernal, 49, (173), (45 adrenalin in, (458). (455), (647), (648). radium therapy in, (174), 814, (1027), (1028).Contact glasses, (450), (639), (640), 867. Contour, eye, (830). Contusions, see injuries Conus, heterotypical, (74) Convergence, in encephalitis, (939). and lateral deviation, relation between, (833).

tension in, (659). Coover, David Hummel, 162. Copper, disappearance of, (368). intraocular, 53, (92). and silver, (374). thiosulphate, in trachoma, (261). Corectopia, 141. Cornea and sclera, (71), (174), (262), (460), (650), (733), (834), (914), (1028), (1116). Cornea, and air, interchange of gases between, (461) argyrosis, (651), 1050. astigmatism, (1024). in twins, (1029). cancer, (746) carcinoma, (91). changes in thickness, (71). pathological, localization of, (8 complications in trachoma, (264). cysts, (1029). degeneration, cystic, 424. with uric acid, (915). dystrophy, (914). marginal, (652). ectasia and endocrine disturbance, (262). edema with hypercholesteremia, (1117). epithelial groove in, (1117). epithelial hyperplasia, 151. epithelioma, (365). gaseous erosion, 44. herpes, (460). infiltration, sanguineous, (71). injuries, see injuries. Kayser-Fleischer ring in Wilson's disease, 1045. keratomalacia, in adults, (72). and pigmentation of skin and conjunctiva, (73) keratoplasty, (1029). Krukenberg spindle, 326, 334, 534, 654, 722. leprosy bacilli in, (653). megalocornea, 145, 318. normal, bacterial content, (460). opacity, 1005. cod-liver oil in, 423. whorl-shaped, (1031). pannus, (457) phlyctenular disease, see conjunctivitis. pigmented reticulum behind, (835). regeneration, (272). ring abscess, (463). ring abscess, (463).
scars, do they move? 438.
tattooing, with gold chloride solution, (71),
(264), (650), (653).
with platinum chloride, (462).
tissue culture, (462).
trachoma and, (457).
transplantation, 901.
transplants, viability, (461).
trigeminus, after cutting, (463).
tuberculosis, 429, (463), 817.
ulcers. in dogs. (639). ulcers, in dogs, (639) from glenospora, (165). from hemoglobinophilic bacillus, (1031). rodent, and acne rosacea, (1031). serpent, (264). anterior chamber punctures and, (460).

whisker in, 226. and see keratitis. Corneal, curvature, lids and, (741). disease, and increased hyperopia, (175). lesions, iontophoresis in, (835). measurements, (447). refraction, anisometropia and, (911). and size, (1117). variability, (911). Correspondence, 63, 162, 541, 635, 827. Cortical optical projection in monkey, (929). Counterrotation in lateral inclination, (1025). Craniopharyngeal tumors, (1132).
with suprasellar extrusion, (355).
Cross cylinder, how to use, 321.
Crouzon's disease, (551).
Crystalline lens, (78), (179), (269), (345), (469), (543), (659), (734), (840), (919), (1118).and see lens. Cyclitis, heterochromic, 812. Cycloplegia, 664, 1008. Cylindroma of orbit, (935). Cyst, of conjunctiva, (259), (913). of cornea, (1029). hypophyseal, (553). of iris, (464), (654). of lacrimal gland, 330, (933). of sclera, 314. in vitreous, floating, (548). Cysticercus of orbit, (184). hydatid, subaponeurotic orbitotomy, (939). zechoslovak Ophthalmological Society, Czechoslovak 1109.

Dacryoadenitis, 330.
in blennorrhea, (743).
gonorrheal conjunctivitis with, (262).
Dacryocystitis, chronic, (357).
and focal infection, 610.
neonatorum, (742).
Dacryorhinostomy, (278), (279), (282), (282), (932).
hemoaspiration and electric burr in, (830).
with rubber tube, (933).
and see lacrimal sac.
Dakin's solution in trachoma, (262).
Dante and spasm of accommodation, 750.
Deaths—

Alway, Robert Douglas, 283.
Anthony, X. L., 283.
Axenfeld, Theodor, 845.
Barnert, Cyril, 283.
Bellarmenev, Leonid, 570.
Bettison, David Lemuel, 751.
Bietti, Amilcare, 471.
Brown, Edmund Towle, 942.
Browning, Frederick William, 377.
Calderaro, Salvatore, 1135.
Coover, David H., 185.
Croft, Benjamin Pomeroy, 751.
Davey, James R., 1135.
Dayton, William L., 471.
Dorsey, J. G., 98.
Ellis, John Bernard, 845.
Fisher, Fred, Jr., 1135.

Foster, Ralph de Lecaire, 98. Gardner, Edwin James, 377. Gullstrand, Allvar, 1043. Hall, William D., 471. James, John H., 98. Kinney, Charles W., 751. Kleckner Frank C., 570. Kuffler, Otto, 98. Lambert, Walter Eyre, 942. McFarlane, Murray, 1043. Macleish, Archibald Lyle, 751. Matclessi, Archibald Lyie McLemore, Tipton, 1043. Matson, William F., 845. May, J. W., 185. Means, Charles S., 845. Moore, Philip H., 283. Murphy, Walter E., 942. Noyes, Guy Lincoln, 37. Patterson, Lynes Allen, 28. Patterson, James Allen, 283. Patton, James M., 665. Proctor, Percy Clement, 665. Reynolds, Frank O., 185. Rideout, William Jacob, 942. Rood, Luther Colby, 942. Savage, Giles Christopher, 570. Seydel, Fritz, 185. Seydel, Fritz, 163.
Sharkey, Seymour, J., 98.
Skillern, Ross Hall, 1043.
Smyth, Patrick Somers, 98.
Snellen, H., 283.
Speakman, William W., 471.
Stegman, Louie Ethelyn V., Vail, Derrick Tilton, Sr., 1135. Valude, Émile, 1135. Willard, Lee M., 185 Wood, John Scott, 570. Woodson, James Madison, 1135. De Beck, David, 67. Deficiency diseases, (372). Delusions, ophthalmic, (167). Dengue fever, (938). Denig's treatment of trachoma, (265). De Oculis, 61. Dermatosis of eye region, (88). Dermoid, (1129). Dermoid cyst, recurrent, (90). Descemet's, damage to, 899. Detachment, of choroid, see choroid. of retina, see retina. Diabetes, 94. transient hyperopia in, 804. Diabetic, cataract, 619. myopia, (640). retinitis, 152. Diagnosis, general methods of, (164), (253), (447), (637), (828), (1017). Diathermy, (1018). treatment, of carcinoma, (744). of phlegmon of the orbit, (739). Dictyoma retinae, (360).

Differential diagnosis of eye diseases and in-

Diphtheria, paralysis of accommodation,

Diplopia, ground glass lenses for, (454). Disciform degeneration at posterior pole.

juries, 1109.

(643).

Disinfectants, comparative value, (1021). Dislocation of lens, see lens. Dog, fundus of, (739). Dominance, (1023). Dorsey, Jacob Gray, 66. Dressings, omission of, (1021). Drusen, 232, (265). Dye, therapy, (255). and see anilin. Distichiasis, 624.

Echinococcus, see cysticercus. Eclipse blindness, 819. Eclipse solar retinitis, 630. Ectropion, see lids. Editorials-

The American Board for Ophthalmic Examinations, 824.

Angle of filtration, 1107.

Association for research in ophthalmology, 57

Axenfeld, 904. Biastigmatism bobs up again, 906. Blindness in the census, 155 Books on ophthalmology, 726. Causes of glaucoma, 440. Chevalier Taylor, oculist or quack, 630. Clinicians and the student, 56. Cycloplegia, 1008. Diagnosis of acute iritis, 537. Eye changes of ochronosis, 244.

Eyes of school children, 724, Filtration operations for glaucoma, 340. Fitting of glasses, 1105.

Instruction of ophthalmic hospital residents, 538.

Intracapsular extraction, 241. License for special practice, 1009. Loan collections of microscopic slides, 58. Management of school myopia, 156. On editing our own manuscripts, 907.
Prescription by retinoscopy, 157.
Problems of the sightless, 725.
Refraction in children, 822.

Retinal detachment, 628.

Roentgen therapy for blepharitis, 342. Solar retinitis, 630.

Sour grapes and some optometrists, 442. Tonometric analysis, 539.

Transient myopia and the mechanism of accommodation, 825. Travel and study, 339.

Value of ophthalmic literature, 55. Visual acuity of automobile drivers, 441. Education, see hygiene, sociology, education,

and history. Egypt, Department of Public Health, 1927 and 1928, 160.

Memorial Ophthalmic Laboratory, 445.

Ophthalmological Society, 445. trachoma in, (456).

Electric shock, (81). Electrical cataract, 595, (937). El Greco's astigmatism, (375). Embryology of eye, (355), 1014. models, and developmental anomalies, (1126).

E

E

E

E

E

E

E

F

F

F

F

F

F

F

F

F

F

FFF

F

F

G

G G

G

G

G

G

G

G

Encephalitis, a ence, (939) accommodation and converg-

epidemic, (170), (373). symptoms similar to Graves's disease. (555).

Encephalomyelitis, with Parinaud's syndrome, (1025). Endocrine, disorders, 902.

disturbance, corneal ectasia and, (262). parenchymatous keratitis, (74).

studies, (839). and see internal secretion.

Endocrinology, (373) Endothelioma of eyelid, (1129).

Entropion, see lids. Ephedrin, (1022).

and glaucoma, 687, 816.

Epibulbar metastatic carcinoma, (558). Epiphora, (934).

blocking nasal ganglion for, (1128). operative treatment, 1093, (1126).

Episcleritis, 49. Epithelioma, corneal, (365).

epibulbar, thermophore in, 153. of globe and skin, 428.

irradiated, histologic changes, (361) of lacrimal sac, secondary to papilloma, (744).

Ergosterin, irradiated, (639).

Ergotin, paralysis of accommodation after, (257).

Errata, 163, (252), 731, 1016, 1110. Erysipeloid form of staphylococcemia, (356). Eserin, trachoma after, (1115).

Ethmoid mucocele, exophthalmos from, (87). Ethmoiditis, keratitis with, 1095.

Ethylchaulmoograte, tuberculosis treated with, 331.

Ethylhydrocuprein amblyopia, (83).

Europe, development of ophthalmology in (563),

scientific miscellanea in, 541. Evisceration, (557).

Exenteration of orbit by electrocautery, (91).

with secondary enucleation, (931). Exophthalmic goiter, lid closure and opening in, (87).

Exophthalmos, bilateral, 235, 1097. from ethmoid mucocele, (87). from frontal mucocele, (557). Graves's disease, (184). intermittent, 46, (278), 425. intermittent, 46, (2) leukemia with, 432.

pulsating, (556), 623, (738), 895, 1095. operative treatment of, 438, 675. unilateral, differential diagnosis, 989.

Eye, contour, (830). diseases of, 159, 827.

examination record, and topographic chart, 323.

in general medicine, 248. and hand method of training squints, 379. injuries, see injuries.

Eyeball and orbit, (87), (184), (278), (355), (556), (737), (930), (1125). (556), (737), (930), (112) Eyeball, softening of, (737).

Eyebrow, autoplastic operation on, (741). tumor, (358).

epilation and transplantation Eyelashes, needle, (281).

Eyelids and lacrimal apparatus, (87), (278), (356), (557), (740), (932), (1126). Eyelids, anomalies, (358).

Eyes, in acquisition of education, (565). of school children, 724.

Fat hernias of lids, (932). Fibrolipoma ("rare abnormality"), (915).

Fibromata, (743).

Fibrous reaction, (931). Fields, visual, see visual fields.

Fifteenth century reference to ocular phenomenon, 425.

Fifth nerve aplasia with restricted tear secretion, (741). Filaria of lid, (748).

Filters in color blindness, (450).

Filtration, angle of, 1107.

Filtration operations for glaucoma, 340. Fixation, forceps, (167).

Flavobacterium ophthalmiæ, (76). Fly larva, see ophthalmomyiasis.

Focal infection, (914). dacryocystitis and, 610. in eye disease, (938). teeth, (1133), (1134).

and see nasal accessory sinuses.

Forceps, capsule, (269). fixation, (167).

Foreign bodies, see injuries. Fornix, anatomy, (457).

French Ophthalmological Society, 1929, 161. Frontal lobes and ocular signs, (276). Frontal mucocele, exophthalmos from (557).

Fundus, photography, (164), 231, (254). stereoscopic, (165).

sunlight for observing, (164). Furuncle of face, (748).

Ganglion cells in iris, (266). Gas gangrene panophthalmitis, (1126). Gelsemium, amblyopia from, 319.

Gerontoxon, (1117).

Gifford, Harold, 64. procedures used by, (1019).

Giza Memorial Ophthalmic Laboratory, 445. Glass, glowing, emission curve of, (938). injury, 48, (560), 617.

Glasses, see spectacles.

Glaucoma and ocular tension, (76), (177), (267), (345), (467), (656), (733), (836),

(918), (1117) Glaucoma, 426, 1012, 1103.

acute, pathogenesis, (836), (837). adrenalin. (179).

pack, (840).

age and sex in, (177). argyrosis with, (468). blood, pH value in, (839). Bucky's rays in, (269).

Glaucoma (continued).

capsular, (345). cases, (177).

and cataract extraction, 1094.

causes, 440. cauterizing for, (467), 847.

cerebrospinal and intraocular pressure, (179)

inflammation ("pathologic ciliary physiology"), (919). Cirincione's unpublished treatise on, (656).

drinking test and, (1036) and entire organism, (919). ephedrin, 687, 816.

essential, calcium in, (268).

etiology, (839). and iris pigment, (77).

and gasserian anesthesia to relieve pain, (467).

and glaucosan, (658), (1035). with hemorrhage, 819,

hypertony and, (657).

infantile, 147.

iris lacunæ in, (917).

juvenile, 622. Laqueur's, 162. after lid operation, (179).

melanosis and, 721. nature of, (1036).

and nevus, (468), (658), (1035).

nonoperative treatment, (77). notes, theoretical and practical, 847.

operations, (467). filtration, 340, 431.

iridectomy, fistulæ after, (734).

subconjunctival, 21. iridencleisis, 301.

filtering scar for, 1042. intraocular, 996.

iridotasis, (656). filtering scar for, 1042.

iris inclusion, (1117) sclerectomy, 301, (658), (837).

sclerociliarotomy, (657). trephining, (658), 819, 1094.

microscopical examination after, (178). retinal detachment after, 567. pathologic demonstration, 237.

peripheral heart," investigation of, (1036). primary, (1118).

pseudoglaucoma, (1035). psychic element, (734). red field and optic disc resistance in, 626, 720.

secale cornutum in, (268). secondary, 681.

simplex, new early sign in, (1037). "subvital processes", investigations of,

(733).

sympathetic nerve in, (656). and syphilis, (267).

tension, in accommodation, (659).

and blood pressure, (468). osmosis and, (658). in convergence, (659).

hypertension and compensatory hypotension, (345).

insulin and, (269). intraocular pressure, arterial and, (918), origin, (469). ter puncture of anterior chamber, (838). after

therapy, physical and dietetic, (837). tonometric analysis, (467).

from tooth abscess, 991. traumatic, (268). treatment, (179), (268). vascular changes in, (178).

vasomotor, 1076.

venesection and, (1035). Glaucosan, (177), (1035). Glenospora, corneal ulcer from, (165).

Glioma of optic nerve, (1130). of retina, (360), 616. cured by roentgen rays, (91).

and see neuroepithelioma. and see retinoblastoma.

Glutathione in crystalline lens, (78). Goiter, exophthalmic, see exophthalmic goiter.

Gold chloride tattooing, see tattooing. Gonococcal complement-fixation reaction,

(748).Gonorrheal ophthalmia, and trachoma, (455).

and see conjunctivitis. Graefe's sign in facial myopathy, (257).

Graves's disease, (184). Greek children, alleged blinding, 635. Grey background or V test, (1024). Groenouw's keratitis, (1116).

Halos, causes of, (569). historical, 425. Heat, see diathermy.

Hemangioma, of choroid, (746). of orbit, (557), (935). Hemeralopia, (348).

and keratomalacia, liver feeding in, (351). from vitamin deficiency, 900. Hemianopsia, binasal, (928).

homonymous, (926).

during pregnancy, reflecting prism for, (86).

primary sign of tumors involving lateral part of transverse fissure, 13. quadrant anopsia of cortical origin,

(926).Hemorrhage, visual disturbances from (354). Herpes of cornea, (460). Herpes ophthalmicus with malaria, (914).

Herpes zoster, 338, 796, 1004. Heterochromia, experimental, (917).

of iris and pigmentation of albino eyes, (466).

from resection of trigeminus, (655).

Heterochromic cyclitis, 812.
Heterophoria, (1025).
Honduras, eye diseases in, (375)
Horses, periodic ophthalmia and flavobacterium ophthalmiæ, (76)

Hospital records, system of (Berlin), (940). Hospital residents, instruction of, 538. Hyalitis, asteroid, 568.

Hyaloid, artery, persistent, 436.

canal, persistent, 532. vessel, persistent, 1006.

Hygiene, sociology, education, and history, (96), (374), (562), (750), (940), (1134) Hypercholesteremia, corneal edema with, (1117).

Hyperopia, latent uncovering, 530. transient, in diabetes, 804.

Hypersensitivity, (1018). Hypertension, and compensatory hypotension, (345)

Hypertony, and glaucoma, (657). Hypophysis, cysts of, (553), 1000. disease, 198, (354), (355), (929). mechanism in migraine, (929).

syndrome of optic atrophy, (9, tumors of, (555), (555), (736).

x-ray treatment, (355).

Hypotony, congenital, (269).

Hysterical tears of blood, (280).

Ignipuncture in retinal detachment, (349), 526, (545), (736), (829), (843),

Illumination of field of operation, (167).

Immunity, local, (1112). to vaccines, (450). Inclusion infections, Indelible pencil, (368). Indemnity case, (750). India ink, tattooing, (916). Indians, trachoma among, 387. Industrial compensation, (375).

eye hazards in, (376). injuries, minor, (937).

and trachoma, (375). Infection, focal, see focal infection. Infiltration anesthesia, see anesthesia.

Infirmaries, eye and ear, 478. Injuries, (92), (366), (558), (746), (936), (1130).

anilin pencil, (368), (560). artificial silk, ocular lesions, (92). asphyxia, (367).

bad, recovery after, 332.

birth, 721. brain, (367).

at Bratislava clinic, (371).

burns, lime, experimental, (559.) chalcosis, (92). chemical, (748).

chloroform, (1130). ciliary body, hernia, 1005. contusion, effect on iris and ciliary body, (1132).

severe, treatment, 1042. cilium in anterior chamber, 144, (1131). copper, 53, (92), (368).

cornea, chloroform, (1130) gaseous erosion, 44.

rare, (366). from silver nitrate, (936)

traumatic keratitis, (370). cranial, paralysis of third nerve and papilledema, (925).

Injuries, foreign bodies (continued). eclipse, 630, 819. electric, (937). cataract, 529, 595, of eye by Chinese quacks, (369), (369). of eyeball, lacerated wound, 619. foreign bodies, intraocular, 1003, 1079. bronze, (1132). with conserved vision, (747). examination for, (747). glass, 48, (560), 617. metal, 337. chemical diagnosis, (93) roentgen localization, (936). sequelæ, (369). intraorbital, x-ray localization, (366) magnet operation through sclera, (937). magnetic, unrecognized, (1131). metallic, lens tolerance of, 132. in orbit, knife blade, 717. localization, (932). pine twig embedded, 621. pseudoforeign, (366), (1130). steel, 430, 627. thorn, (559). uveitis, purulent, after, (366). in vitreous, 41, 52, 144. one year, 894. removal with forceps, 894. whisker in cornea, 226. and functional asymmetry, (937). glass, glowing, emission curve, (938). head, (1124). industrial, (375), (375), (376). minor, 937. of inferior oblique, (1131). of iris, (746). hernia, 1005. keratitis disciformis and, (653). macula, 237. mustard gas, (1131 nonperforating, (559).
optic nerve, with fencing foil, 433. orbit, (367), owl's beak, (560), perforating, (93), (560), 816, prevention of, (92), prognosis, (747), protein therapy for, 618. refraction changes after, (367). sclera, rupture of, 235, (369). siderosis bulbi, (91). stone splinter, (937). sulphur, (368). in tobacco workers, (747). unusual, (370). Welch bacillus after, (367). x-ray lesions to, (370). Instruments, for tonometry, 396, 496. Insulin, (638). locally, (639). and ocular tension, (269). Insurance institute, eye diseases of members, (750). Intermittent fever, (561). Internal secretion and aqueous humor, (75).

International Ophthalmological Congress, thirteenth, impressions of, 33, 233. fourteenth, 1044. Interstitial keratitis, see keratitis. Intracapsular extraction, see cataract. Intracranial tumor, 974, 1001. and homonymous hemianopsia, 13. Intraocular foreign body, see injuries. Intraocular foreign body, see injuries.

Intraocular pressure, origin, (469).

tunics of eye in, (918).

Intraocular tension, see glaucoma.

Intraorbital foreign bodies, see injuries.

"Iodin rods", (450).

Iontophoresis, in cataract, (180).

in corneal lesions, (835). Iridectomy, (267). in bullous keratitis, 527. fistulæ after, (734). subconjunctival for glaucoma, 21. and see glaucoma. Iridencleisis and sclerectomy for glaucoma, 301. and see glaucoma. Iridocyclitis, chronic, 617. congenital, (1033). typhoid vaccine in, 820. Iris angioma, (365).
coloboma, 792.
cyst, (464), (654).
ganglion cells in, (266).
injury of pigment layer, (746).
and see injuries isolated, experiment on, (266). lacunæ in glaucoma, (917). leucosarcoma of, (743). necrosis of, (1034). sarcoma, 153, (745), (935), (1129), (1129). tubercle inoculation, (1032). tumor, (363). Iritis, acute, diagnosis of, 537. after cataract extraction, 844. chronic, (464) experimental, (74). hypopyon, and tuberculosis, (466). leprous, and keratitis, (74). Italy, trachoma in (564). Kansas City Society of Ophthalmology and Otolaryngology, 337, 338, 996. Kayser-Fleischer ring, (652). in cornea in Wilson's disease, 1045. Keratitis, bullous, iridectomy in, 527. disciformis, (462). and injury, (653). with ethmoiditis, 1095.

exfoliativa, (263). fascicular, (460). Groenouw's, (1116) herpetic, (915). interstitial, 329, (650). in advanced age, (654). congenital, 723. and endocrines, (74). malaria in, (462) tuberculous, (265). punctate, superficial, (733).

from lagophthalmos, 150. lattice, (152). in leishmaniasis, (461). and leprous iritis, (74). marginalis profunda, (462). meibomian, (651). nodular, 722. parenchymatous, see interstitial. pustuliformis profunda, (262), (1030). sclerosing, (463). sicca, (461). traumatic, (370). tuberculous, 817 allergy in, (73). typhoid vaccine in, 820. vaccinal, (835) Keratoconus, 149, (263), (1028). cataract extraction in, (470). Keratoglobus, 145. Keratomalacia, 899. in adults, (72). liver feeding in, (351).
pigmentation of skin and conjunctiva in, (73).Keratoplasty, (1029). Krukenberg's spindle, 326, 334, 534, (654), 722, 987. Lacrimal, apparatus, anatomy etc., (934). canal development, (359). canaliculi, lesions in trachoma, (282). diseases, (1127). disorders, etiology of, 610. duct, reduplication, (743) streptothrix infection, (359) glands, adenocarcinoma, 585. cyst, 330, (933). dislocation, (356). punctum topography, (280).sac, anesthetizing, (282). conservation, 515. epithelioma secondary to papilloma, (744).operations upon, Dupuy-Dutemps, 515. to avoid hemorrhages in, (357). and see dacryorhinostomy. syphilis of, 145. tumors, see tumors. Lagrange's operation, (658), (837). and see glaucoma operations. Lamp, universal arc, (447). Laos, trachoma in, (1114). Laqueur's glaucoma, 162. Lead shot, removal from vitreous, 41. Lens, capsule, deposits on, (78). permeability of, (543). senile lesions, (180), (1118). cataractous, calcium in, 1072. changes after middle age, (1038). circulation, active, in posterior, 435. dislocation, 148, 431. embryonic, effect of x-rays on, (272). fibrovascular sheath in, 816. glutathione in, (78). lenticonus, posterior, 968. lime deposits in, (346).

luxation, congenital, (841). nucleus, without, (348) superficial lamella of, (919). tolerance to metallic foreign bodies, 132. zonular lamella, (346). zonule, (543). and see cataract, and see crystalline lens. Lenses, see spectacle lenses Lenticonus, posterior, (734), 968. Leontiasis ossium, 721. Leprosy, bacilli in cornea, (653). choroiditis in, (835). tracolysin in, (562). Leucocyte reactions of eye, (448). Leucosarcoma of iris, (743). Leukemia, with exophthalmos, 432. fundus changes in, (662). License for special practice, 1009. Lids, albinotic, reducing translucence, (1127). blastomycosis, (280). blepharotomy to permit vision in occluded eye, (88), (1129). cellulitis, 335. coloboma and dermoids, 718. and corneal curvature, (741). ectropion, 329. endothelioma, (1129). entropion, alcohol injection for, (359). cicatricial, (830). operation for, 228. Webster's, (360). spasmodic, (359). spastic, (1127). fat hernias, (932). fibromata, (743). fibromata, (7 filaria, (748). grafting, 810, 819. nevus, (1130). operation, autoplastic, (741). pigmentation, anomalies, (740). rat bite, 884 sarcoma, (744). surgery, 616. trichiasis, (280). Light, reflection from retina, (1040). sense, (1017), (1113). tested by Tscherning glasses, 1058. ultraviolet, see ultraviolet light. Limbus, in Chinese eyes, (264), (914). melanosarcoma, 407. sarcoma, 337. Lime burn, experimental, (559). Lindau's disease, (275), (547), (736). Lip, mucous membrane from, for plastic operations, (449). Lipemia retinalis, 573. Literature, ophthalmic, value of, 55. Los Angeles County Medical Society, 153, 818, 819, 1103. Luetic, retrobulbar neuritis, 433. uveitis, 820. Luetin in ophthalmology, (254). Luminal for operations, (449). Lymphosarcoma of conjunctiva, (90). Lysozyme, (933).

E

M:

M

Ma

Ma

M

M

M

M

M

M

M

M

M

M M M

M M M

M

M

M

M

Macula, heterotropia of, (921). hole at, 813, 1098.

with retinitis circinata, (843).

injury, 237.

star figure and choroidal vessels, (1119).

tuberculosis, 429.

Macular, cerebromacular disease in epilepsy, 721.

degeneration, cystoid, (80).

disciform, at posterior pole, (273). lesions, in infant and adolescent, 159.

bilateral in juveniles, (548). Madras Government Ophthalmic Hospital, 1929 report, 1013.

Madrid Red Cross hospital, 526.

Magnet operations, see injuries.

Malaria, herpes ophthalmicus with, (914). ocular complications, (939). retinal angiospasm with, (82), (1121).

treatment of optic nerve, (551). treatment of paresis, eye changes after, 946.

Manuscripts, editing, 907.

Mastication and lid elevation, Marcus Gunn sign, (279), (357).

May, James Whittier, (251). Meal worm, encapsulated, (562).

Medicolegal problems, (374).

Medullated nerve fibers, and Recklinghau-

sen's disease, (662).

Megalocornea, 145, 318.

Meibomian glands, polyadenitis of, (742).

Meinicke reaction in trachoma, (69).

Melanoma, choroidal, (90), 521.
Melanosarcoma, of choroid, (746).
of ciliary body, (363).
epibulbar, (362).
at limbus, 407.
of orbit, (738).
of uvea, (936).
Melanosis, of conjunctiva, (459).

and glaucoma, 721. Membranous conjunctivitis, see conjunctivitis.

Memphis Society of Ophthalmology a Otolaryngology, 46, 722, 1093, 1096. Meningitis, loss of vision and, (84).

symptoms, (748).

Meningococcemia, with ocular onset, (94). Meningococcus in eye, (356). Microphakia, lenticular myopia from, (660).

Microphthalmic family, 533.

Microphthalmos, lentoid in, (271). Micropsia, lens, (830).

Microscopic examination of living eye, see

biomicroscopy. Microscopic slides, loan collections, 58

Migraine, hypophyseal mechanism in, (929).

ophthalmoplegic, (452). with trochlear paresis, (1025).

Milk injections, (165) Milton's blindness, (941).

Minnesota Academy of Ophthalmology and Otolaryngology, 427, 809, 1005.

Minnesota, U study, 571. University of, postgraduate Miotics, (638).

Mixed tumors, 585.

Moll, glands of, adenocarcinoma, (361).

Molluscum contagiosum, 816.

Monkey, cortical optical projection in, (929). Monocular workman, indemnity on loss of second eye, (375). Moorfields Eye Hospital, 100 years etc., 245. Motor field chart, 844.

Motor traffic and routine examination of eye, (376).

Motorists, see automobile drivers.

Mouse, blindness in, (350). Mouth infections, (1133).

Mucocele of frontal sinus, (278).

Muscles, ciliary and iris, structure, (256). heterophoria, latent, after monocular oc-clusion, 1054.

inferior oblique injury, (1131). innervation, reciprocal, (832). movements, (912).

factors controlling, 897. in latent nystagmus, (912).

pathology of, (1024). in reading, (453).

in myasthenia, (1025). paralysis, of accommodation, diphtheria,

(643). hereditary disposition in, (911).

from infection, 901.

from intracranial aneurisms, 171.

oculomotor, cyclic, 912. recurrent, 150, 911. rotation of eyeball, (1114).

and rachianesthesia, (644). after spinal anesthesia, (257).

superior rectus, tendon transplantation

for, 869. third nerve, bilateral, 236. physiological action, 900.

physiological action, 2003, and reading ability, (645). reactions, unusual, 145. records and study habits, (644). shortening, O'Connor operation, 491. superior oblique, replacement, (643).

tenotomy, excessive, 1001. transplantation for paralytic strabismus,

(257).tucking, tissue changes after, (568). and see nystagmus.

and see ocular movements.

and see strabismus

Mustard gas injury, (1131). Myasthenia, ocular muscles in, (1025).

with thymus tumor, (1134). Mydriasis, traumatic, 430.

Mydriatics, (638)

Myiasis, ocular, 801.

Myopathy, facial, Graefe's sign in, (257). Myopia, (451). cause of, (169). diabetic, (640).

etiology, (641). frequency of, (255).

high, in pregnancy, (452). retinal detachment in, (735). Explanation: Numbers in heavy type refer to original articles, parenthetic numbers to abstracts Ocular movements, (170), (257), (452), (643), (832), (911), (1024), (1114). lenticular, from microphakia, (660). prevention, school device for, 827. retinal detachment in, (922). and see muscles. school, management of, 156.

theory, (1024). transient, and mechanism of accommodation, 825.

Myopic degeneration, heredity of, (170). Mzab, trachoma in, (1115)

Naphthalene, cataract, (469). hydrogen-ion concentration of vitreous

after, (1037). Nasal accessory sinuses, disease, (278), (352). optic nerve and, (183).

and optic neuritis, 229, 605.

sinusitis, orbital complications, (556).

Nashville Academy of Ophthalmology and Otolaryngology, 330, 535, 627, 816, 818.

National Society for Prevention of Blindness, annual conference, 730.

Navigating, visual standards for, (374).
Near, visual tests, (1113).
Necrosis of iris, (1034).
Neon lamps, and visual phenomena, (640).
Neoplasm of choroid, early symptom, (365).
Nerve fibers, medullated, (275).

Nerve tracts, see visual tracts and centers. Nervocidin, (1020). 'Nervous disease, ocular disturbances in,

(253)

Nettleship medal, 897. Neurinoma of orbit, 618. Neuritis, see optic neuritis. Neuroepithelioma of retina, (735) Neurofibroma, two in one eye, 121. Neurofibromatosis, (365). uveal melanoma in, (558).

Neuroma, plexiform, with Recklinghausen's disease, (280). and sella turcica, (358).

Nevus, buphthalmos and, (177).

conjunctiva, (1130). choroid, (76).

glaucoma and, (1035). lids, (1130).

New England Ophthalmological Society, 143, 330, 432, 621, 715, 894. News items, 98, 185, 283, 377, 471, 570, 665, 751, 845, 942.

Night blindness, see hemeralopia. North Africa, trachoma in, (1114). Nose, see nasal accessory sinuses. Novarsenobenzol in trachoma, (69).

Nystagmus, of albinos, (912). hereditary, (171). latent, ocular movement in, (912). miners', (171), (940). in red-green blindness, (1026).

voluntary, (453).

Obliques as adductors, (170). Occlusion test, (1025). Ochronosis, eye changes of, 244. Ocular disturbances in nervous disease, (253).

Ocular position and movements, factors controlling, 897. Ocular signs and frontal lobes, (276).

Ex

d d

d

h

n

Opl

Op

Op

Op

Op

Op

Op iı

Op

ti 11 Op

r

Op

Op

Op

Op

c

c CI

t

Op

n

iı

Ocular signs and frontal lobes, (276).
Ocular tension, see glaucoma.
Oculist, optician, and patient, 1090.
Oculogyral crises, (452).
Oculomotor nerve in cat, (84), (1124).
Oculomotor paralysis, cyclic, 712, (912).
hereditary disposition in, (911).
recurrent, 150.

Oculomotor trunk, representation of muscles in, (170). ovis, ophthalmomyiasis due to, Oestrus

(561).Operations, on animal eyes, phantom for

demonstrating, 524. causes of failure, (829). Dupuy-Dutemps, 515. Guist speculum, 1066. Lagrange, (658), (837). luminal for, (449). O'Connor, 491.

Stanculeanu-Török-Elschnig, 219.

Toti, (358).
Toti-Mosher, (282).
Webster, (360).
and see therapeutics and operations. Ophthalmia, ancient and modern conception of, (544).

gonorrheal, 439.

purulent, with eruptive fever and stomati-tis, 508.

Ophthalmic literature, value of, 55. Ophthalmic teaching, 824. Ophthalmologic essays, 826.

Ophthalmological Societies— American, 1929 transactions, 250. Baltimore, 232, 426.

Baltimore, 232, 426.
Belgian, 445.
Chicago, 235, 526, 527, 711, 816, 996, 1098.
Cleveland, 616, 616, 993.
Colorado, 147, 328, 329, 619, 1000, 1001.
Czechoslovak, 1109
Egyptian, 445.

Egyptian, 443.
French, 161.
Kansas City, 337, 338, 996.
Los Angeles, 153, 818, 819, 1103.
Memphis, 46, 722, 1093, 1096.
Minnesota, 427, 809, 1005.
Nashville, 330, 535, 627, 816, 818.
New England, 143, 330, 432, 621, 715, 894.
Philadelphia, College, of Physicians, 231.

Philadelphia College of Physicians, 231, 333, 434, 527, 810.
Pittsburgh, 717.

Royal, eye section, 52, 151, 532, 624, 719, 721.

Saint Louis, 49, 228, 229. United Kingdom, 897. 1929 transactions, 249.

Ophthalmology, American, phases and con-tributions of, (565). Association for research in, 57. in China, (376).

department requirements, (374). development in Europe, (563). diagnosis and pathology, recent advances

in, 209.

handbook, 443.

notes for students, 632. Ophthalmometry, (253), (447). Ophthalmomyiasis, (371), (561).

interna, (94).

Ophthalmoplegia, interna, (277). in syphilis, (453).

pseudonuclear, (454). Ophthalmoplegic migraine, (452).

Ophthalmoreaction in trachoma, (260). Ophthalmoscope, demonstration, (polyophthalmoscope), (254).

modern, (96).

Ophthalmoscopy, fundus shadows, (828).

in red-free light, (448).

Optic atrophy, chiasmal syndrome of, (927). after hemorrhage, (926).

tabetic, (925).

treatment, endolumbar, (276). Optic canal, anatomy, (83). radiography of, (253). Optic disc, in glaucoma, 626.

Optic nerve and toxic amblyopias, (83), (183), (276), (352), (550), (736), (924), (1121).

Optic nerve, abscesses, multiple, (1122). angiomatous caverns in, (276).

Optic nerve atrophy, adiposogenital, (183). atropin treatment, (1122).

cavernous, (1122). color of disc in, 664.

congenital, (736). Leber's (352).

rhinogenous retrobulbar, (352).

tabetic, (353).

endolumbar treatment, (276).

Optic nerve, in arteriosclerosis and senile

dementia, (552). cavity formation in, (1122).

coloboma, (736), 792, (1121). atypical, (550). bilateral, (550). craniofacial dystosis, (551).

disc, choked, (84) experimental, (1121).

incongruence with underlying disease, (925).

encephalitis and tumor diagnosis, (926).

theory, (925).

transverse sinus, relation to, (552). disease with hypertension, (276).

in epidemic encephalitis, (353).

fibers, and other macular changes, (735).

course of, (1122). glioma, (1130). hypoplasia, (353). injuries, see injuries.

malaria treatment, (551). and nasal sinuses, (183).

sheath, dural, form of, (926). stasis of orbital origin, (550).

surgery, 408. tuberculosis, acute, (842).

tumors, 1093.

with extension into the cranium, (934). intradural vascular, (551).

primary, 880. and see tumors. Optic neuritis, 1095.

recurring in pregnancy, (552).

retrobulbar, 618. from antrum, 625. from duco, (924).

lumbar puncture in, 716. secondary to sinus disease, 229, 605.

Optic tracts, angiospasms involving, (85).

Optician, oculist, and patient, 1090.
Optometer, (451).
Optometrists, sour grapes and some, 442.
Orbit, angiofibroma, (558).

cylindroma, (935). distension and proptosis, (737).

exenteration by electrocautery, (91). hemangioma, (557), (935). hemorrhage, (1126). hydatid cyst, subaponeuritic orbitotomy,

(939)

injury, (367). knife blade in, 717. melanosarcoma, (738).

neurinoma, 618

pathology, (356). phlegmon, and diathermy, (739). "prephlegmon", (356). from scarlet fever, (1126). abdomyosarcoma, (361). rhabdomyosarcoma,

sarcoma, (363), (935). trauma and, (364).

skin and cartilage grafts, 1097. tuberculosis of, (740).

tumors, see tumors. and see eyeball.

Orbitocavernous thrombophlebitis, (556).

Osmosis, (658).
Osmotic drainage in ophthalmology, (167).
Ossification diagnosed by x-rays, (465). Osteitis deformans with retinal hemorrhage,

722. Oxycephaly, 145.

Pacific Coast Oto-Ophthalmological Society, 1929 transactions, 634.

Palestine, trachoma in, (566).

Panophthalmitis, from bacillus coli (kidney), (739).

gas gangrene, (1126). Panthesin, (450). Papilloma, of tear sac, (362).

Papillo-retinal edema in nephritis, (276).

Paraffinoma, 717.

Paralysis, see muscles. Parenchymatous keratitis, see keratitis.

Paresis, eye changes after malaria treatment of, 946.

trochlear, ophthalmoplegic migraine with, (1025).

and see muscles. Parinaud's conjunctivitis, see conjunctivitis.

syndrome, encephalomyelitis with, (1025). Paris, trachoma in, (70). Parkinsonian syndrome, (95). Pathology of eye, 527. Patton, James McDowell, 730. Pectinate ligament and canal of Schlemm, (76). Pencil, anilin, see anilin. Pennsylvania, sight-saving classes in, (376). Pepys' eye complaint, 613. Percaine, (449). Periarteritis nodosa, (81), (371), (371). Peridectomy, 307. Perimeter, (164). Perimetry, (1017). with black cloth campimeter, diagnostic scale for, 859. prismoscopic, (254). and scotometry, methods for increasing diagnostic sensitivity, 118. visual field and historic memorabilia, 888. "Peripheral heart" in glaucoma, (1036). Perithelioma of limbus, (89).Phacoerisis, (180), (272).
Phantom for demonstrating operations on animals' eyes, 524. Phlyctenulosis, see conjunctivitis. Photographic "situation", recording, (1017). Photography, color, 336. fundus, (164), (254). for teaching ophthalmology, 891. stereoscopic, (828). of fundus, (165). Physiologic optics, refraction, and color vision, (168), (255), (450), (639), (830), (910), (1022), (1113).

Pigmentation of albino eyes and heterochromia, (466). Pittsburgh Ophthalmological Society, 717. Pituitary disease, see hypophysis. Plasmocytoma of tear sac, (362). Plasmoma of conjunctiva, (457). Plastic surgery, glaucoma after, lip mucous membrane for, (449) machine for preparing skin flap, (255). Platinum chloride tattooing, see tattooing. Poland, trachoma in, (71). Poliomyelitis, eye findings in, 332. Polysan, 255. Pregnancy, high myopia in, (452). homonymous hemianopsia during, reflecting prism for, (86) recurring optic neuritis in, (552). toxemias of, (351). retinal detachment in, (922). visual field, influence on, 956. Presbyopia, the bugbear, 806, 809. Presojod, (455). Prism treatment of strabismus, (910). Proptosis, 621. and orbital distension, (737). Protein, foreign, (168). anaphylaxis from, 146. reactions, (373). therapy, 618, (1022). Prothesis, (184), 226.

conjunctivitis from, 624.
Prowazek corpuscles, (454).
Prussia, trachoma in, (913).
Pseudoglaucoma, (1035).
Pseudosclerosis, argyrosis in, (1032).
copper, silver in eye, etc., (374).
ring, (652), (1032).
Pseudoxanthoma elasticum, (275).
Pterygium, operation, (1115).
refraction with, (916).
Ptosis, balance, (1114).
congenital, operation, (87).
hereditary, 151.
Pulse curve of eye, (1037).
Pupil, adaptability to light, (910).
measurement, (638).
surgery of closed, 871.
Pupillary membrane, 52.
Pupillomotor drugs, (638).

Quadrant field defect, 47.

Questions and answers department, 18

Ex

Re

Re

Re

Re

R

Questions and answers department, 186, 663, 844, 1042.

Quincke's edema and hemiurticaria, (260).

Quinine scotoma, (183).

Rachianesthesia, paralysis, (644).

Radiography, of ontic canal, (253)

Rachianesthesia, paralysis, (644).
Radiography, of optic canal, (253).
and see x-ray.
Radiotherapy, (638).
Radium, for cancer, 362).
for sarcoma of choroid, (745).
for vernal conjunctivitis, (174), 814, (1027), (1028).
Rat-bite fever, 884.
Rathke's pouch, (553).
cvst. 1000.

cyst, 1000.
tumors, (936).
Reading, ability, (645).
movement of eyes in, (453).
Recklinghausen's disease, medullated nerve

fibers and, (662).
plexiform neuroma and, (280).
Record, eye examination, 323.
Rectus, see muscles.

Rectus, see muscles.
Red field and optic disc resistance in glaucoma, 720.
Red-free light, (80).
ophthalmoscopy in, (448).
Red-green blindness, nystagmus in, (1026).

Red vision, (373).
Reed sac method ("Schilfsäckenmethode"),

(465).
Refraction, 825.
changes after trauma, (367).
in children, 822.
instruments, 844.
test with cobalt lamp, (451).
and twins, (938).
of visual and extravisual zones, 101.
and see cross cylinder.
and see physiologic optics.

and see physiologic optics.

Relief, and stereoscopic acuity, perception of, (165).

Replantation of eyelashes, needle for, (281).

Research in Ophthalmology, Association for,

Respiratory infections, risks from, (166). Reticulo-endothelial system in eye, (266). Retina and vitreous, (79), (181), (273), (348), (545), (661), (735), (841), (921), (1118), Retina, angioid streaks, (275), (721). angiomatosis, (547), 736. familial, (275). angiomatous caverns in optic nerve, (276). angiopathy, traumatic, (366). angiosclerosis, 328. angiospasm, and arteriolar disease, 309. and swamp fever (malaria), (82), (1121). anomaly, congenital, (182). coloboma, (182). degeneration, pigmentary, see retinitis pigmentosa. tapetoretinal with conoid mass, (548). dictyoma, (360). disease, hypertensive, (80). edema from electric shock, (81). embolism, 617. exudation, massive, 333, 434. glioma, cured by roentgen rays, (91). of the retina, 616. inflammation, conceptions as to, (735). lesions, with good prognosis, (923). intracranial, pulse in, (350). leukemia, fundus changes in, (662). lipemia, 573. neuroepithelioma, (735). number of visual and ganglion cells in, (992). neoplasms, (360). periarteritis nodosa, (81). retinoblastoma extension into optic nerve, (746).surface, reflection of light from, (1040). tears, see retinal detachment. tuberculosis of, 232, (274), 295. tuberculous periphlebitis, (842). tumors, see tumors Retinal adaptation, (831). Retinal artery, blood pressure, (349), (352). obstruction, (181), 473. spasm (82), (661), (1038). thrombosis, x-ray treatment, (546). Retinal bloodstream, fragmentation, (82). Retinal detachment, 235, (349), (350), 628, (1039)after accident, (661). bilateral, 625, 715. cautery for, 63. choroiditis, and cataract, 722. colmatage, (181). familial, 1001. holes, see retinal detachment, tears. ignipuncture in, 304, (349), 526, (548), (736), (829), (843), (921), (924), 998, (736), (829), ((1041), (1120). localization for, (1119), (1120). markers, (545): localizing ophthalmoscope, (1120). in myopia, (735), (922). neuroepithelial hyperplasia in, (548). operative treatment, (841).

pathology, (841).

in pregnancy, (922).
reattached, histopathology, 1042.
with rupture of choroid, 390.
tears, (80), (923), (1118).
traumatic, (549), (560).
treatment, (182).
after trephining, 567.
venescetion, (448) venesection, (448). Retinal hemorrhage, 295, 619, 1098. from calcium deficiency, 125. in hypertension, (82). osteitis deformans with, 722. preretinal, 329. subhyaloid, 230. Retinal image, variations in size, (1113).
Retinal vein, central, variations in the intraneural course of, (1039).
thrombosis, (348), 711.
visible circulation in, (274).
Retinal vessels, congenital tortuosity, 330. course of, (1039). in hypertension, etc., (275). Retinitis, albuminuric, (661). angioneurotic, (1040). and local arteriosclerosis, (938). azotemic, (351). circinata, and hole in macula, (843). classification, (842). diabetic, 152. in hyperglycemia patients, become aglycosuric, (661). juvenile macular, (545). nephritic, (921) pigmentary, (548). pigmentosa, 1, 713, 943. and abnormal course of long ciliary arteries, 274 sine pigmento, (349). proliferans, 818. renal, 620. solar, 630. treatment with "AO", (1121). and see retinochoroiditis. Retinoblastoma, 236, 810, 1002. bilateral, 1000. with metastasis, 229. in twins, (90). and see glioma. and see neuroepithelioma. Retinochoroiditis, 144. juxtapapillaris (Jensen), (79). Retinoscopy, eyestrain in, 6 inexpensive light for, 227. prescription by, 157. Retrobulbar neuritis, see optic neuritis. Rhabdomyosarcoma of orbit, (361). Rivanol, (455). Foundation ophthalmological Rockefeller observations, 427 Rodent ulcer, see ulcer. Roentgen ray, see x-ray. Rosacea, (358). Royal London Ophthalmic Hospital, 245. Royal Society of Medicine, section on ophthalmology, 52, 151, 532, 624, 719, 721. Rubescent vision, (373).

Saint Louis Ophthalmic Society, 49, 228. Sarcoma, of choroid, 238, 239, (363), 429, 532. and cerebral metastasis, (92). treated by radon seeds, (745). intraocular, 46, (1129). of iris, 153, 623, (745), (935), (1129), (1129). of lids, 744. of limbus, 337. of orbit, (363), (935) rare findings in, (365). sympathetic disease after, 622. of uveal tract, (746). and see tumors. Scarlet fever, orbital phlegmon from, (1126). Schlemm, canal of, and pectinate ligament, (76).Sclera, abscess, (464). blue, 711, (1030). and brittle bones, (174), (462). cyst, 314. degeneration, cystic, 424. melanosis, 711. rupture, 235, (369). unusual color, 626. of vertebrates, pigment cells in, (916). and see cornea. Scleritis, metastatic, (265). nodular, (264). Sclerosis, tuberous cerebral, (372). Scotograph, (164). Scotoma, central, instrument, (164). paracentral homonymous hemianopic, 853. from quinine, (183). Scotometry, methods for increasing diagnostic sensitivity, 118. Seamen, visual standards for, (374). Seasonal variations in frequency of eye lesions, (563). Semilunar fold, anatomy, (457). Sepsis lenta, (371). heterologous, focal reactions after, (655).Shadows, fundus, (828). Sight education, (454). Sightless, see blind. (940), 983. Sight-saving classes, (940 in Pennsylvania, (376). Silk, artificial, ocular lesions due to, (92). Silver nitrate injury of cornea, (936). Sinuses, see nasal accessory sinuses. Size of objects, visibility and, (1022). Skin flap for plastic operations, machine for preparing, 255. Skull fracture, (85). Slit-lamp, see biomicroscopy. Societies, see ophthalmological societies. Sociology, see hygiene, sociology, education, and history. Sodium chloride, cataract from, (470). Softening of eyeball, (737). Solaesthin, (255). Solar retinitis, 630. Sound stimulus detection of anisocoria, (165).Sour grapes and some optometrists, 442.

Spasm of retinal artery, (82), (1038). Special practice, license for, 1009. Spectacle lenses, accessory effects of, etc., contact, (450), (639), (640). fitting, 1105. newer, (168) prismatic, 151 protecting, (559). telescopic, (169), 667. trial, accuracy and convenience of, (831). Speculum, (829). Guist, 1066. Spinal anesthesia, paralysis of ocular mus-cles after, (257). Spring catarrh, see conjunctivitis. Squint, see strabismus.
Stain therapy, (255).
Staphylococcemia, erysipeloid form, (356).
Stargardt's disease, 159, (548).
Steel, in eyeball, 430, 627. Stereoscopic, acuity, perception of, (165). atlas of external diseases, 343, 826. photography, (828). Stone splinter injury, (937). Strabismus, alcohol injection for, 639, 1095. and amblyopia, (171). binocular field in, (644). operations, (643), 999. paralytic, muscle transplantation for, (257). prism treatment, (910 surgical treatment, (832). training, "eye and hand" method, 379. Streptothrix infection of lacrimal duct, (359).Study habits and ocular movement records, (644). Subhyaloid hemorrhage, 230. Sulphur, miner, (368).
Sulphur, miner, (368).
Sunlight for observing fundus, (164).
Superior oblique, see muscles.
Suprasellar tumors, (354).
Surgery, selective, (1019).
Swamp fever, and retinal angiospasm, (82), (1121). Switzerland, trachoma in, (173). Sympathetic disease after sarcoma, Sympathetic ophthalmia, (176), (654), (733), 819, (836). anaphylaxis in, (1033). autoserum for, (1033). biomicroscopy, (655). deafness, etc., in cyclitis, (176). frequency of, 597. and see uveal tract. Sympathetic phenomena, obscure, (918). Symptomatology of ocular disorders, 113. Syphilis, bismuth in, 664. of conjunctiva, (1027). of eye, 993. glaucoma and, (267). hereditary, (749). lacrimal sac, 14 luetin in, (254). 145. ocular, clinic at Wills Hospital, 231, 285.

Exp

Syst

Tab

Tab

Tap

Tar

Tar

Tar

Tati

by w Tay

Tay

Tea

Tee

Tel

Ten Ten Tes

as

fo

The

The

Thi

Thi

Thr Thy

Tia

Tol Tor

Tor

Tor

Too

Tot

Tot

Tra

a

ir Tra

ir

a

a

b

b (

iı

C

C

C

Tea

tr

op

ophthalmoplegia interna in, (453). retinal degeneration in, 943. Systemic diseases and parasites, (94), (371), (561), (748), (938), (1132).

Tabes, visual fields in, 432. Tabetic optic atrophy, (925) treatment, endolumbar, (276). Tapetoretinal degeneration

of central fundus region, 1. Tar carcinoma, 722.

Tarsectomy, simple, 677. Tarsorrhaphy, some indications for, (168), (1113).

Tattooing, with gold chloride, (71), (264), (650), (653).

by intracorneal injections, (916).

with platinum chloride, (462).

Taylor, Chevalier, 630, (750). Tay's choroiditis, see choroiditis.

Tear sac, papilloma, (362).
plasmocytoma, (362).
Tears of blood, hysterical, (280).
Teeth, see focal infection.

Telescopic spectacles, (169).
as an aid to poor vision, 667.
Tendon tucker, 710, 710. Tension, intraocular, see glaucoma.

Test, V, or grey background, (1024). for near, (1113).

Therapeutics and operations, (165), (254), (448), (638), (828), (1018), (1111).
Thermophore, 407.
in epibulbar epithelioma, 153.

Third nerve paralysis, bilateral, 236. Throat, see focal infection.

Thrombosis, retinal venous, (348).

Thymus tumor, myasthenia with, (1134). Tiaret, trachoma in, (1115). Tobacco workers, (747).

Tonometer readings, table of, 991.

Tonometric analysis, 539.

Tonometry, instruments (historical), 392, 496.

Tooth abscess, glaucoma from, 991. Toti operation, (358). Toti-Mosher operation, (282).

Toxic amblyopias, see amblyopia.

and see optic nerve and toxic amblyopias.

Tracholysin, in leprosy, (562). in trachoma, (174).

Trachoma, 633, (645), adenoidism and, 1015. in Algeria, (562), (566)

antigen in differential diagnosis, (259).

autohemotherapy, (916). bacteriology of conjunctiva in, (173). bacterium granulosis, (69).

(book), 441

in Brno, (261). carried from Egypt to Italy in 13th cen-

tury, (1116) chaulmoogra oil in, (258). and novarsenobenzol, (69). conjunctiva in, (646). cytology in, (1027).

constitution in, (260), (261). copper, intravenous, (458).

sulphate, (70). thiosulphate, (261).

corneal complications in, (264), (457).

in Cyrenaica, (563) Dakin's solution, (262)

Denig's treatment, (265). diagnosis, (261). in Egypt, (456). eradication, (913).

eserin, recurrence after, (1115). etiology, (258), (459), (647). and follicular conjunctivitis, serum diag-

nosis, (646)

and gonorrheal ophthalmia, (455). healed, 1002.

inclusions, (650). among Indians, 387.

and industrial accidents, (96), (375). International Organization Against, 1043.

in Italy, (564). jequiritol in, (172).

lacrimal canaliculus lesions in, (282).

in Laos, (1114). maritime theory of, (834). Meinicke reaction in, (69)

membranous conjunctivitis complicating,

(258).monocular, 620, (648).

in Mzab, (1115). and nasal lesions, (68). in North Africa, (1114). operative statistics, (1115).

in Palestine, (566). in Paris, (70).

and plasmoma of conjunctiva, (457). in Poland, (71).

prevention, (376). propaganda, (566). Prowazek corpuscles, (454).

in Prussia, (913).

in Quinze-vingts clinic, (70). during school age, (565)

simulated by encapsulated mealworm, (562).

skin capillaries in, (458). surgical diathermy in, (648). in Switzerland, (173).

therapy, (456).
specific, (913).
in Tiaret, (1115).
tracholysin in, (174).
transmission, (458).
treatment, (259), (64
operative, (282).
tuberculin reaction in

(648), (649).

tuberculin reaction in, (260).

in Tunis, (1116). ultravirus and, (455). in Venezuela, (732). virus filtrable? (1116).

Wassermann reaction in, (69). Tract lesion, isolated, (929).

Transplantation, see replantation.

Transverse fissure tumors and homonymous hemianopsia, 13.

Travel and study, 339. Trephining, 819. for buphthalmos, 1006. microscopical examination after, (178). retinal detachment after, 567. Trial lenses, accuracy and convenience, (831). Trichinosis, 896. Trichophytid conjunctivitis, (913). Trichromatic mixture data, 909. Trochlear paresis, ophthalmoplegic migraine with, (1025). Trypaflavin, (1020). Tryparsamide blindness and spinal fluid drainage, 333. Tscherning glasses, 1058. Tubercle bacillus, inoculation of iris, (1032). permeability of conjunctiva, (172). Tuberculin, (561). reaction in trachoma, (260). and see tuberculosis. Tuberculoma of brains, (1123). Tuberculosis, anaphylaxis in, (1033). corneal, (265), 429, (463). Cresson sanatorium patients, 411 ethyl chaulmoograte treatment, 331. and hypopyon iritis, (466).
macular, 429.
ocular, (167), 713, 753, 781, (930), (1133),
(1134). in prepuberty period, (546). optic nerve, (842). of orbit, (740). phlyctenules and, (646). phlyctenulosis and, 699. posttraumatic, 139. of retina, 232, (274), 295, (842). "Schilfsäckenmethode" (reed sac method), (465)and see tuberculin. Tuberculous choroiditis, therapy of, (835). conjunctivitis, 721. keratitis, 817. Tucking, tissue changes after, 568. Tularemia, oculoglandular, (70), (95), 535, (1133)Tumors, (1129). (89), (360), (558), (743), (934), of brain, (924), (936), (1123). of chiasm, (555). of choroid, (76), (90), 238, 239, (267), (363), (364), (365), 429, 521, 532, (558), 622, (746), (746), (1129). treated by radon seeds, (745). of conjunctiva, 529. of cornea, (365), 746. craniopharyngeal, (1132). with suprasellar intrusion, (355). diathermy treatment, (744). epibulbar, (362). experimental, in rat, (363). of eyebrow, (358). of glands of Moll, 361. of globe and skin, 428. hypophysis, (555), (736) x-ray treatment, (355).

intracranial and homonymous hemianopsia, 13. intraocular, 187. question of enucleation, (363). of iris, 153, (363), 623, (743), (745), (935), (1129), (1129). of lacrimal gland, (87). of lacrimal sac, (744). of lid, (743), (744), (1129). of limbus, 337, 407. mixed, 585. of optic nerve, (551), (746), 880, (934), (1130).of orbit, (361), (362), (363), (364), 618, (738), (935), (935), (935), (935). radium therapy, (362). rare findings in, (365). Rathke's pouch, (936). of retina, (360), (735). cytodiagnosis of, (744). prelacrimal, see lacrimal. subtentorial, 974. suprasellar, (354). of tear sac, (362). thymus, myasthenia with, (1134). two in one eye, 121. uveal tract, (746), (936). Tunica vasculosa lentis and capsular cataract, (79). Tunis, trachoma in, (1116). Twins, astigmatism and refraction, (1029). refraction and, (938). retinoblastoma in, (90). single ovum, (832) Typhoid vaccine in iridocyclitis, 820. in keratitis, 820. therapy, 820. Ulcer, of cornea, from glenospora, (165). in dogs, (639). serpent, (264), (460).

Exp

Vaco

Vaco

Vehi

Vene

Verr

Vert

Vert

Vien

Visil

Visio

co

pa

sei

the

an

pe

va: Visu

Visu

co

de

an

pro

an

Visu Visu

Vita

nig

Vitre

ast

ch:

cry

flo

for

Visu

serpiginous, cauterization, (265). Ultraviolet light treatment, (1018), (1018). pathologic effects of, (558). in phlyctenular keratoconjunctivitis, (175). Ultraviolet ray, (254). United Fruit Company, 1929 report, 827. United Kingdom, Ophthalmological Society, 897, 1929 transactions, 249. United States, blind population of, 160. Urotropin, (1112). Uveal tract, sympathetic disease, and aqueous humor, (74), (176), (265), (464), (654), (733), (835), (917), (1032). Uveal tract, melanoma in neurofibromatosis, (558).sarcoma, (746), (936). Uveitis, with cataract, 435. chronic, 328. diagnosis of glioma, 238. luetic, 820. purulent, after injury, with pyemia, (366). rheumatic, 148. and see choroiditis. and see iritis. Uveoparotid fever, 918.

Vaccinal keratitis, (835). Vaccines, immunity to, (450). Vehicle illusion, (641). Venezuela, trachoma in, (732). Vernal conjunctivitis, see conjunctivitis. Vertebrates, pigment cells in, (916). Vertical, apparent, in lateral inclination, (1025). Vienna postgraduate course, 98.

Visibility and size of objects, (1022). Vision, binocular, (454), 897. experiments on, 58.

color, anomalies, (642). tests, 1014. parafoveal and foveal, 532. sensory mechanism of, (640).

theory of, 533. and see physiologic optics.
Visual acuity, of automobile drivers, 441, (566), (1134).

recording, five minute angle for, (564). perceptions, relief, (642). variations, (1113). Visual aura, (1125).

Visual fields, binocular examination of, 250. concentric contraction, 413. defects, (637).

and perimetry, historic memorabilia, 888. pregnancy influence on, 956. and pupillary reflex, (447).

in tabes, 432. Visual tests for near, (1113).

Visual tracts and centers, (84), (276), (354),

(553), (736), (926), (1124). Vitamin A deficiency, (372), 899. night blindness from, 900. with ultraviolet light, (1018).

Vitreous, (1118). asteroid hyalitis, (81). changes after intracapsular extraction,

(920). crystalline deposits in, (274), 713. floating cyst in, (548). foreign body in, 41, 52, 144, 894, (1132). removal with forceps, 894.

hemorrhage, (350). juvenile, (549).

hernia after trauma, 335.

hydrogen-ion concentration of. naphthalene, (1037).

opacities, blood transfusion for, (1118). structure, (181), (1118), (1119). surgery, (921). swelling from changed reaction, (350).

Washington University, appointments, 572. Wassermann reaction in trachoma, (69).

positive, eye lesions in, (562).

Whisker in cornea, 226. Wills Hospital clinic for ocular syphilis,

231, 285.
Wilmer Institute, dedication, 727.
Wilson's disease, Kayser-Fleischer ring in cornea in, 1045. Wood, John Scott, 635.

Xanthelasma, (743). Xanthomatosis bulbi, (465). Xanthosis bulbi, (259). Xerophthalmia, 899.

X-ray, effect on embryonic lens, (272). localization of intraorbital foreign bodies.

ossifications, diagnosed by, (465). plate, misinterpretation, (744).

radiation, (168). therapy, 1111). of blepharitis, 342, (358). in glioma of retina, (91). lesions due to, (470).

thrombosis of retinal veins, (546).

tumors, (355). and see Bucky's rays. and see radiography. Yatren, (830).

Zonula in cataract operation, (180). Zonular lamella, (346). in glassworkers' cataract, (272).